



STIC Search Report

Biotech-Chem Library

STIC Database Tracking Number 119718

TO: James Schultz
Location: rem/2d18/2c18
Art Unit: 1635
Monday, April 19, 2004

Case Serial Number: 10/024396

From: Barb O'Bryen
Location: Biotech-Chem Library
Remsen 1A69
Phone: 571-272-2518
barbara.obryen@uspto.gov

Search Notes

Brian McCormick / Barber-Mackenzie
214-975-3667

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: April 19, 2004, 15:45:29 ; Search time 0.001 Seconds

(without alignments)
202.496 Million cell updates/sec

Title: US-10-024-396-3-COPY

Perfect score: 28

Sequence: 1 cgggccctacgtcagcagggagtcacag 28

Scoring table: IDENTITY_NUC

Gapop 10.0, Gapext 0.5

Searched: 211 seqs, 3616 residues

Total number of hits satisfying chosen parameters: 422

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 213 summaries

Database: pmdb:*

Pending - NA, Main

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
C 1	20	71.4	20	1	PCT-US02-39183-19
C 2	20	71.4	20	1	PCT-US02-39183-20
C 3	20	71.4	20	1	US-10-024-396-19
C 4	20	71.4	20	1	US-10-024-396-20
5	18.6	66.4	25	1	US-09-922-181A-2841
6	18.6	66.4	25	1	US-09-922-181A-2842
7	18.2	65.0	25	1	US-09-922-181A-2839
8	18.2	65.0	25	1	US-09-922-181A-2840
9	17.8	63.6	25	1	US-09-922-181A-2837
10	17.8	63.6	25	1	US-09-922-181A-2838
11	17.8	63.6	25	1	US-09-956-584-315298
12	17.8	63.6	25	1	US-09-922-181A-2844
13	17.6	62.9	25	1	US-09-922-181A-2843
14	17.6	62.9	25	1	US-09-954-427A-59195
15	17.2	61.4	25	1	US-10-024-396-19
16	17.2	61.4	25	1	US-09-922-181A-2839
17	16.8	60.0	25	1	US-09-922-181A-2836
18	16.6	59.3	25	1	US-09-922-181A-2844
19	16.6	59.3	25	1	US-09-954-427A-18187
20	16.6	59.3	25	1	US-09-954-427A-18174
21	16.6	59.3	25	1	US-09-956-584-2663
22	16.6	59.3	25	1	US-10-355-577-23855
23	16.6	59.3	25	1	US-10-355-577-592056
24	16.6	59.3	25	1	US-09-922-181A-1336
25	16.6	59.3	25	1	US-09-922-181A-1335
26	16.6	59.3	25	1	US-09-922-181A-1336
27	16.6	59.3	25	1	US-09-922-181A-1335
28	16.6	59.3	25	1	US-09-922-181A-1336
29	16.6	59.3	25	1	US-09-922-181A-1335
30	16.6	59.3	25	1	US-09-922-181A-1336
31	16.6	59.3	25	1	US-09-922-181A-1335
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33	16.6	59.3	25	1	US-09-922-181A-1335

34	14.2	50.7	21	1	US-09-653-105-19	Sequence 19, Appl
35	13.8	49.3	17	1	US-09-922-181A-1337	Sequence 1337, Ap
36	13.8	49.3	17	1	US-09-922-181A-1338	Sequence 1338, Ap
37	13.8	49.3	17	1	US-09-922-181A-1339	Sequence 1339, Ap
38	13.8	49.3	17	1	US-09-922-181A-1340	Sequence 1340, Ap
39	13.4	47.9	17	1	US-09-922-181A-1334	Sequence 1334, Ap
40	13.4	47.9	18	1	US-08-633-799-6	Sequence 6, Appl
41	13.4	47.9	18	1	US-09-075-717-6	Sequence 6, Appl
42	13.4	47.9	20	1	US-09-918-779-35	Sequence 35, Appl
43	13.4	47.9	20	1	US-10-624-932-35	Sequence 35, Appl
44	13.2	47.1	19	1	US-10-310-188-57779	Sequence 57779, A
45	13.2	47.1	19	1	US-10-310-188-49862	Sequence 49862, A
46	13.2	47.1	20	1	US-10-159-856-39	Sequence 39, Appl
47	13.2	47.1	20	1	US-10-159-856-105	Sequence 105, Appl
48	12.8	45.7	17	1	US-09-922-181A-1341	Sequence 1341, Ap
49	12.8	45.7	18	1	US-10-310-188-68257	Sequence 68257, A
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51	12.4	44.3	16	1	US-10-316-954-3538	Sequence 3538, Ap
52	12.4	44.3	17	1	US-09-922-181A-1333	Sequence 1333, Ap
53	12.4	44.3	18	1	US-10-310-188-36260	Sequence 36260, A
54	12.4	44.3	19	1	US-09-356-067-30	Sequence 30, Appl
55	12.4	44.3	19	1	US-10-184-372-23	Sequence 23, Appl
56	12.2	43.6	17	1	US-09-882-945A-275	Sequence 275, Appl
57	12.2	43.6	17	1	US-09-922-181A-1342	Sequence 1342, Ap
58	12.2	43.6	17	1	US-09-922-181A-1342	Sequence 2159, Ap
59	12.2	43.6	17	1	US-09-339-764-2304	Sequence 2304, Ap
60	12.2	43.6	18	1	US-10-303-778-15476	Sequence 15476, A
61	12	42.9	15	1	PCT-US01-16907-32	Sequence 32, Appl
62	12	42.9	17	1	US-09-922-181A-1331	Sequence 1331, Ap
63	12	42.9	17	1	US-09-922-181A-1332	Sequence 1332, Ap
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65	11.8	42.1	16	1	US-09-869-169B-2	Sequence 2, Appl
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67	11.8	42.1	25	1	US-09-555-362-122	Sequence 122, Appl
68	11.4	40.7	14	1	US-09-427-808-248399	Sequence 6950, Ap
69	11.4	40.7	15	1	US-10-287-787-20271	Sequence 20271, A
70	11.4	40.7	16	1	US-09-590-522-1	Sequence 1, Appl
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87	11.2	40.0	16	1	PCT-US95-03517-23	Sequence 23, Appl
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91	11.2	40.0	16	1	US-08-481-063-23	Sequence 23, Appl
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96	11.2	40.0	17	1	US-09-818-875-2950	Sequence 2950, Ap
97	11.2	40.0	17	1	US-09-818-875-2951	Sequence 2951, Ap
98	11.2	40.0	17	1	US-09-922-181A-1343	Sequence 1343, Ap
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102	11.2	40.0	17	1	US-10-209-787-2951	Sequence 2951, Ap
103	11.2	40.0	17	1	US-10-238-700-3087	Sequence 3087, Ap
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C 118	11.2	40.0	17	1	US-60-339-764-2303	Sequence 2303, Ap
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C 121	11.2	40.0	17	1	US-10-305-275-942	Sequence 942, App
C 122	11.2	40.0	17	1	US-10-305-275-941	Sequence 941, App
C 123	11.2	40.0	17	1	US-10-305-275-942	Sequence 942, App
C 124	11.2	40.0	17	1	US-10-310-188-56454	Sequence 56454, A
C 125	11.2	40.0	17	1	PCT-US01-44838-5	Sequence 5, App1
C 126	11.2	40.0	17	1	PCT-US02-25943-41393	Sequence 41393, A
C 127	11.2	40.0	17	1	US-08-774-306-121	Sequence 121, App
C 128	11.2	40.0	17	1	US-09-774-553-678	Sequence 678, App
C 129	11.2	40.0	17	1	US-09-774-553B-143	Sequence 143, App
C 130	11.2	40.0	17	1	US-09-774-553B-143	Sequence 143, App
C 131	11.2	40.0	17	1	US-09-774-553B-143	Sequence 143, App
C 132	11.2	40.0	17	1	US-09-774-553B-143	Sequence 143, App
C 133	11.2	40.0	17	1	US-09-504-231B-143	Sequence 143, App
C 134	11.2	40.0	17	1	US-09-504-231B-143	Sequence 143, App
C 135	11.2	40.0	17	1	US-09-611-931-143	Sequence 143, App
C 136	11.2	40.0	17	1	US-09-611-931A-143	Sequence 143, App
C 137	11.2	40.0	17	1	US-09-633-515-121	Sequence 5, App1
C 138	11.2	40.0	17	1	US-09-724-389-5	Sequence 5, App1
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C 140	11.2	40.0	17	1	US-10-367-832A-41393	Sequence 41393, A
C 141	11.2	40.0	17	1	US-10-310-188-34441	Sequence 34441, A
C 142	11.2	40.0	17	1	PCT-US03-10296-20	Sequence 20, App1
C 143	11.2	40.0	17	1	US-10-407-637-20	Sequence 7, App1
C 144	11.2	40.0	17	1	PCT-US01-18815-7	Sequence 16, App1
C 145	11.2	40.0	17	1	PCT-US01-26215-16	Sequence 60, App1
C 146	11.2	40.0	17	1	PCT-US01-26488-60	Sequence 7, App1
C 147	11.2	40.0	17	1	PCT-US01-47434-7	Sequence 7, App1
C 148	11.2	40.0	17	1	PCT-US02-25940-18950	Sequence 18950, A
C 149	11.2	40.0	17	1	PCT-US02-25942-4864	Sequence 4864, Ap
C 150	11.2	40.0	17	1	PCT-US02-25942-6581	Sequence 6581, Ap
C 151	11.2	40.0	17	1	PCT-US02-25943-22682	Sequence 22682, A
C 152	11.2	40.0	17	1	PCT-US02-25943-34828	Sequence 34828, A
C 153	11.2	40.0	17	1	PCT-US02-25943-37161	Sequence 37161, A
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C 155	11.2	40.0	17	1	PCT-US02-25943-62741	Sequence 62741, A
C 156	11.2	40.0	17	1	US-10-227-563-18950	Sequence 18950, A
C 157	11.2	40.0	17	1	US-10-227-565-22682	Sequence 22682, A
C 158	11.2	40.0	17	1	US-10-227-565-34828	Sequence 34828, A
C 159	11.2	40.0	17	1	US-10-227-565-37161	Sequence 37161, A
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C 161	11.2	40.0	17	1	US-10-227-565-62741	Sequence 62741, A
C 162	11.2	40.0	17	1	US-10-227-567-4864	Sequence 4864, Ap
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C 165	11.2	40.0	17	1	US-10-367-729A-4864	Sequence 4864, Ap
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C 167	11.2	40.0	17	1	US-10-367-832A-22682	Sequence 22682, A
C 168	11.2	40.0	17	1	US-10-367-832A-34828	Sequence 34828, A
C 169	11.2	40.0	17	1	US-10-367-832A-37161	Sequence 37161, A
C 170	11.2	40.0	17	1	US-10-367-832A-48484	Sequence 48484, A
C 171	11.2	40.0	17	1	US-10-367-832A-62741	Sequence 62741, A
C 172	11.2	40.0	17	1	US-10-367-892-18950	Sequence 18950, A
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C 174	11.2	40.0	17	1	PCT-US02-25943-33166	Sequence 33166, A
C 175	11.2	40.0	17	1	PCT-US02-25943-34829	Sequence 34829, A
C 176	11.2	40.0	17	1	US-10-227-565-33165	Sequence 33165, A
C 177	11.2	40.0	17	1	US-10-227-565-33166	Sequence 33166, A
C 178	11.2	40.0	17	1	US-10-227-565-34829	Sequence 34829, A
C 179	11.2	40.0	17	1	US-10-305-274-517	Sequence 517, App

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C 182	10.4	37.1	16	1	US-10-367-832A-33166	Sequence 33166, A
C 183	10.4	37.1	16	1	US-10-367-832A-34829	Sequence 34829, A
C 184	10.4	37.1	16	1	PCT-US02-25940-12401	Sequence 12401, A
C 185	10.2	36.4	15	1	PCT-US02-25940-14558	Sequence 14558, A
C 186	10.2	36.4	15	1	PCT-US02-25943-1183	Sequence 1183, Ap
C 187	10.2	36.4	15	1	PCT-US02-25943-17773	Sequence 17773, A
C 188	10.2	36.4	15	1	PCT-US02-25943-31162	Sequence 31162, A
C 189	10.2	36.4	15	1	PCT-US02-25943-31163	Sequence 31163, A
C 190	10.2	36.4	15	1	US-09-406-643-897	Sequence 897, App
C 191	10.2	36.4	15	1	US-09-498-824A-897	Sequence 897, App
C 192	10.2	36.4	15	1	US-09-611-577-21	Sequence 21, App1
C 193	10.2	36.4	15	1	US-09-879-813-73	Sequence 73, App1
C 194	10.2	36.4	15	1	US-09-912-672A-55	Sequence 55, App1
C 195	10.2	36.4	15	1	US-10-146-505-73	Sequence 73, App1
C 196	10.2	36.4	15	1	US-10-10-227-563-14401	Sequence 12401, A
C 197	10.2	36.4	15	1	US-10-227-563-14568	Sequence 14568, A
C 198	10.2	36.4	15	1	US-10-227-565-6183	Sequence 6183, A
C 199	10.2	36.4	15	1	US-10-227-565-27773	Sequence 27773, A
C 200	10.2	36.4	15	1	US-10-227-565-31162	Sequence 31162, A
C 201	10.2	36.4	15	1	US-10-287-787-16396	Sequence 16396, A
C 202	10.2	36.4	15	1	US-10-287-787-16397	Sequence 16397, A
C 203	10.2	36.4	15	1	US-10-287-787-16397	Sequence 16397, A
C 204	10.2	36.4	15	1	US-10-287-787-16397	Sequence 16397, A
C 205	10.2	36.4	15	1	US-10-310-188-22102	Sequence 22102, A
C 206	10.2	36.4	15	1	US-10-310-188-22105	Sequence 22105, A
C 207	10.2	36.4	15	1	US-10-367-832A-6183	Sequence 6183, Ap
C 208	10.2	36.4	15	1	US-10-367-832A-27773	Sequence 27773, A
C 209	10.2	36.4	15	1	US-10-367-832A-31162	Sequence 31162, A
C 210	10.2	36.4	15	1	US-10-367-832A-31163	Sequence 31163, A
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C 212	10.2	36.4	15	1	US-10-367-892-14568	Sequence 14568, A
C 213	10.2	36.4	15	1	US-10-453-850-897	Sequence 897, App

ALIGNMENTS

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RESULT 1
PCT-US02-39183-19/c
; Sequence 19, Application PC/TUS0239183
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Isis Pharmaceuticals, Inc.
; TITLE OF INVENTION: ANTISENSE MODULATION OF C936L1 EXPRESSION
; CURRENT REFERENCE: RTSP-0453
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: 10/024,396
; PRIOR FILING DATE: 2001-12-18
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 19
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-39183-19

Query Match      71.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4,2;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy      1 CGGGCCCTACGTACAGGG 20
Db      20 CGGGCCCTACGTACAGGG 1

RESULT 2
PCT-US02-39183-20/c
; Sequence 20, Application PC/TUS0239183
; GENERAL INFORMATION:

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; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ISIS Pharmaceuticals, Inc.
; FILE REFERENCE: RTSP-0453
; CURRENT APPLICATION NUMBER: PCT/US02/39183
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: 10/024,396
; PRIOR FILING DATE: 2001-12-18
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-39183-20

Query Match
Best Local Similarity 71.4%; Score 20; DB 1; Length 20;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 9 ACGGTACAGGAGGATCCAGG 28
DB 20 ACGGTACAGGAGGATCCAGG 1

RESULT 3
US-10-024-396-19/c
; Sequence 19, Application US/10024396
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF CD36L1 EXPRESSION
; FILE REFERENCE: RTS-0339
; CURRENT APPLICATION NUMBER: US/10/024,396
; CURRENT FILING DATE: 2001-12-18
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 19
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-024-396-19

Query Match
Best Local Similarity 71.4%; Score 20; DB 1; Length 20;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGGCCCTACGTGTACAGG 20
DB 20 CGGGCCCTACGTGTACAGG 1

RESULT 4
US-10-024-396-20/c
; Sequence 20, Application US/10024396
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF CD36L1 EXPRESSION
; FILE REFERENCE: RTS-0339
; CURRENT APPLICATION NUMBER: US/10/024,396
; CURRENT FILING DATE: 2001-12-18
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-024-396-20

Query Match
Best Local Similarity 71.4%; Score 20; DB 1; Length 20;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 9 ACGGTACAGGAGGATCCAGG 28
DB 20 ACGGTACAGGAGGATCCAGG 1

RESULT 5
US-09-922-181A-2841
; Sequence 2841, Application US/09922181A
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; APPLICANT: Nguyen, Cung-Tuong
; TITLE OF INVENTION: FOUR HUMAN ZINC-FINGER-CONTAINING PROTEINS: MD23, MD24, MD27 AND
; FILE REFERENCE: AEOMICA-12
; CURRENT APPLICATION NUMBER: US/09/922,181A
; CURRENT FILING DATE: 2001-12-12
; NUMBER OF SEQ ID NOS: 7046
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 2841
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-922-181A-2841

Query Match
Best Local Similarity 66.4%; Score 18.6; DB 1; Length 25;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3 GGCCCTACGTGTACAGGAGGATCCAG 27
DB 1 GGCCCTACGTGTACAGGAGGATCCAG 25

RESULT 6
US-09-922-181A-2842
; Sequence 2842, Application US/09922181A
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; APPLICANT: Nguyen, Cung-Tuong
; TITLE OF INVENTION: FOUR HUMAN ZINC-FINGER-CONTAINING PROTEINS: MD23, MD24, MD27 AND
; FILE REFERENCE: AEOMICA-12
; CURRENT APPLICATION NUMBER: US/09/922,181A
; CURRENT FILING DATE: 2001-12-12
; NUMBER OF SEQ ID NOS: 7046
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 2842
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-922-181A-2842

Query Match
Best Local Similarity 66.4%; Score 18.6; DB 1; Length 25;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4 GGCCCTACGTGTACAGGAGGATCCAG 28
DB 1 GGCCCTACGTGTACAGGAGGATCCAG 25

RESULT 7
US-09-922-181A-2839
; Sequence 2839, Application US/09922181A
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; APPLICANT: Nguyen, Cung-Tuong
; TITLE OF INVENTION: FOUR HUMAN ZINC-FINGER-CONTAINING PROTEINS: MD23, MD24, MD27 AND
; FILE REFERENCE: AEOMICA-12
; CURRENT APPLICATION NUMBER: US/09/922,181A
```

;; CURRENT FILING DATE: 2001-12-12
;; NUMBER OF SEQ ID NOS: 7046
;; SOFTWARE: Aecomica Sequence Listing Engine
;; SEQ ID NO 2839
;; LENGTH: 25
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-922-181A-2839

Query Match 65.0%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 15;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3 GGCCCTACGTGTACAGGAGTCC 25
DB 3 GGCCCTACGTGTGTGACGAGTGC 25

RESULT 8
US-09-922-181A-2840

;; Sequence 2840, Application US/09922181A
;; GENERAL INFORMATION:
;; APPLICANT: Gu, Yizhong
;; APPLICANT: Shannon, Mark
;; APPLICANT: Nguyen, Cung-Tuong
;; TITLE OF INVENTION: FOUR HUMAN ZINC-FINGER-CONTAINING PROTEINS: MD23, MD24, MD27 AND
;; FILE REFERENCE: AECOMICA-12
;; CURRENT APPLICATION NUMBER: US/09/922,181A
;; CURRENT FILING DATE: 2001-12-12
;; NUMBER OF SEQ ID NOS: 7046
;; SOFTWARE: Aecomica Sequence Listing Engine
;; SEQ ID NO 2840
;; LENGTH: 25
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-922-181A-2840

Query Match 65.0%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 15;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3 GGCCCTACGTGTACAGGAGTCC 25
DB 2 GGCCCTACGTGTGTGACGAGTGC 24

RESULT 9
US-09-922-181A-2837

;; Sequence 2837, Application US/09922181A
;; GENERAL INFORMATION:
;; APPLICANT: Gu, Yizhong
;; APPLICANT: Shannon, Mark
;; APPLICANT: Nguyen, Cung-Tuong
;; TITLE OF INVENTION: FOUR HUMAN ZINC-FINGER-CONTAINING PROTEINS: MD23, MD24, MD27 AND
;; FILE REFERENCE: AECOMICA-12
;; CURRENT APPLICATION NUMBER: US/09/922,181A
;; CURRENT FILING DATE: 2001-12-12
;; NUMBER OF SEQ ID NOS: 7046
;; SOFTWARE: Aecomica Sequence Listing Engine
;; SEQ ID NO 2837
;; LENGTH: 25
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-922-181A-2837

Query Match 63.6%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 18;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3 GGCCCTACGTGTACAGGAGT 23
DB 5 GGCCCTACGTGTGTGACGAGT 25

RESULT 10
US-09-922-181A-2838

;; Sequence 2838, Application US/09922181A
;; GENERAL INFORMATION:
;; APPLICANT: Gu, Yizhong
;; APPLICANT: Shannon, Mark
;; APPLICANT: Nguyen, Cung-Tuong
;; TITLE OF INVENTION: FOUR HUMAN ZINC-FINGER-CONTAINING PROTEINS: MD23, MD24, MD27 AND
;; FILE REFERENCE: AECOMICA-12
;; CURRENT APPLICATION NUMBER: US/09/922,181A
;; CURRENT FILING DATE: 2001-12-12
;; NUMBER OF SEQ ID NOS: 7046
;; SOFTWARE: Aecomica Sequence Listing Engine
;; SEQ ID NO 2838
;; LENGTH: 25
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-922-181A-2838

Query Match 63.6%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 18;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3 GGCCCTACGTGTACAGGAGT 23
DB 4 GGCCCTACGTGTGTGACGAGT 24

RESULT 11
US-09-956-584-315298

;; Sequence 315298, Application US/09956584
;; GENERAL INFORMATION:
;; APPLICANT: Miltman, Michael
;; TITLE OF INVENTION: Methods of Genetic Analysis of Mus Musculus
;; FILE REFERENCE: 3115.1
;; CURRENT APPLICATION NUMBER: US/09/956,584
;; CURRENT FILING DATE: 2001-09-19
;; PRIOR APPLICATION NUMBER: 60/234,017
;; PRIOR FILING DATE: 2000-09-20
;; NUMBER OF SEQ ID NOS: 605887
;; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
;; SEQ ID NO 315298
;; LENGTH: 25
;; TYPE: DNA
;; ORGANISM: Mus musculus
US-09-956-584-315298

Query Match 63.6%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 18;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4 GGCCCTACGTGTACAGGAGT 24
DB 3 GGCCCTGTGTGTACAGGAGT 23

RESULT 12
US-60-234-017-318766

;; Sequence 318766, Application US/60234017
;; GENERAL INFORMATION:
;; APPLICANT: Miltman, M
;; APPLICANT: Affymetrix, Inc.
;; TITLE OF INVENTION: Methods of Genetic Analysis of Mus
;; FILE REFERENCE: 3115
;; CURRENT APPLICATION NUMBER: US/60/234,017
;; CURRENT FILING DATE: 2000-09-20
;; NUMBER OF SEQ ID NOS: 605887
;; SOFTWARE: FastSeq for Windows Version 4.0
;; SEQ ID NO 318766
;; LENGTH: 25
;; TYPE: DNA

Query Match 63.6%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 18;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4 GGCCCTACGTGTACAGGAGT 24
DB 3 GGCCCTGTGTGTACAGGAGT 23

RESULT 12
US-60-234-017-318766

;; Sequence 318766, Application US/60234017
;; GENERAL INFORMATION:
;; APPLICANT: Miltman, M
;; APPLICANT: Affymetrix, Inc.
;; TITLE OF INVENTION: Methods of Genetic Analysis of Mus
;; FILE REFERENCE: 3115
;; CURRENT APPLICATION NUMBER: US/60/234,017
;; CURRENT FILING DATE: 2000-09-20
;; NUMBER OF SEQ ID NOS: 605887
;; SOFTWARE: FastSeq for Windows Version 4.0
;; SEQ ID NO 318766
;; LENGTH: 25
;; TYPE: DNA

Query Match 63.6%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 18;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4 GGCCCTACGTGTACAGGAGT 24
DB 3 GGCCCTGTGTGTACAGGAGT 23

RESULT 12
US-60-234-017-318766

;; Sequence 318766, Application US/60234017
;; GENERAL INFORMATION:
;; APPLICANT: Miltman, M
;; APPLICANT: Affymetrix, Inc.
;; TITLE OF INVENTION: Methods of Genetic Analysis of Mus
;; FILE REFERENCE: 3115
;; CURRENT APPLICATION NUMBER: US/60/234,017
;; CURRENT FILING DATE: 2000-09-20
;; NUMBER OF SEQ ID NOS: 605887
;; SOFTWARE: FastSeq for Windows Version 4.0
;; SEQ ID NO 318766
;; LENGTH: 25
;; TYPE: DNA

```
ORGANISM: Mus musculus
; PUBLIC INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AM123720
US-60-234-017-318766
```

```
Query Match
Best Local Similarity 63.6%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 18;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 4 GGCCTAGTGTACAGGAGTC 24
Db 3 GGCCTGTGTACAGGAGTC 23
```

```
RESULT 13
US-09-922-181A-2843
```

```
; Sequence 2843, Application US/09922181A
; GENERAL INFORMATION:
```

```
APPLICANT: Gu, Yizhong
APPLICANT: Shannon, Mark
APPLICANT: Nguyen, Cung-Tuong
TITLE OF INVENTION: FOUR HUMAN ZINC-FINGER-CONTAINING PROTEINS: MDZ3, MDZ4, MDZ7 AND
FILE REFERENCE: AEOMICA-12
CURRENT APPLICATION NUMBER: US/09/922,181A
CURRENT FILING DATE: 2001-12-12
NUMBER OF SEQ ID NOS: 7046
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 2843
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-09-922-181A-2843
```

```
Query Match
Best Local Similarity 62.9%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 19;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY 5 CCCTAGCTGTACAGGAGTCAGG 28
Db 1 CCCTAGCTGTACAGGAGTCAGG 24
```

```
RESULT 14
```

```
US-09-954-427A-59195
; Sequence 59195, Application US/09954427A
```

```
; GENERAL INFORMATION:
APPLICANT: Michael Miltmann
TITLE OF INVENTION: Methods of Genetic Analysis of the Rat Genome
FILE REFERENCE: 3112.1
CURRENT APPLICATION NUMBER: US/09/954,427A
CURRENT FILING DATE: 2001-09-17
PRIOR APPLICATION NUMBER: 60/233,166
PRIOR FILING DATE: 2000-09-18
NUMBER OF SEQ ID NOS: 420907
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 59195
LENGTH: 25
TYPE: DNA
ORGANISM: Rattus Norvegicus
US-09-954-427A-59195
```

```
Query Match
Best Local Similarity 62.9%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 19;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY 3 GGCCTAGTGTACAGGAGTCAC 26
Db 2 GTCCCAAGTGTGACAGGAGTC 25
```

```
RESULT 15
US-10-719-900-248399
; Sequence 248399, Application US/10719900
```

```
GENERAL INFORMATION:
APPLICANT: Xue Wei Zhou
TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
FILE REFERENCE: 3528.1
CURRENT APPLICATION NUMBER: US/10/719,900
```

```
CURRENT FILING DATE: 2003-11-20
PRIOR APPLICATION NUMBER: 60/427,808
PRIOR FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 982914
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 248399
LENGTH: 25
TYPE: DNA
ORGANISM: Mus musculus
US-10-719-900-248399
```

```
Query Match
Best Local Similarity 61.4%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 23;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 7 CTACGTGTACAGGAGTCAGG 28
Db 3 CTCCCTGTACAGGAGTCAGG 24
```

```
RESULT 16
```

```
US-60-427-808-248399
; Sequence 248399, Application US/60427808
```

```
; GENERAL INFORMATION:
APPLICANT: Xue Wei Zhou
TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
FILE REFERENCE: 3528
CURRENT APPLICATION NUMBER: US/60/427,808
CURRENT FILING DATE: 2002-11-20
NUMBER OF SEQ ID NOS: 982914
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 248399
LENGTH: 25
TYPE: DNA
ORGANISM: Mus musculus
US-60-427-808-248399
```

```
Query Match
Best Local Similarity 61.4%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 23;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 7 CTACGTGTACAGGAGTCAGG 28
Db 3 CTCCCTGTACAGGAGTCAGG 24
```

```
RESULT 17
```

```
US-09-922-181A-2836
; Sequence 2836, Application US/09922181A
; GENERAL INFORMATION:
APPLICANT: Gu, Yizhong
APPLICANT: Shannon, Mark
APPLICANT: Nguyen, Cung-Tuong
TITLE OF INVENTION: FOUR HUMAN ZINC-FINGER-CONTAINING PROTEINS: MDZ3, MDZ4, MDZ7 AND
FILE REFERENCE: AEOMICA-12
CURRENT APPLICATION NUMBER: US/09/922,181A
CURRENT FILING DATE: 2001-12-12
NUMBER OF SEQ ID NOS: 7046
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 2836
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-09-922-181A-2836
```

```
Query Match
Best Local Similarity 60.0%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 26;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

QY 3 GGCCCTACGTGTACAGGAG 22
 |||||
 Db 6 GGCCCTACGTGTACAGGAG 25

RESULT 18
 US-09-922-181A-2844

; Sequence 2844, Application US/09922181A
 ; GENERAL INFORMATION:

; APPLICANT: Gu, Yizhong

; APPLICANT: Shannon, Mark

; APPLICANT: Nguyen, Cung-Thong

; TITLE OF INVENTION: FOUR HUMAN ZINC-FINGER-CONTAINING PROTEINS: MD23, MD24, MD27 AND

; FILE REFERENCE: A60MICA-12

; CURRENT APPLICATION NUMBER: US/09/922,181A

; CURRENT FILING DATE: 2001-12-12

; NUMBER OF SEQ ID NOS: 7046

; SOFTWARE: Aeomica Sequence Listing Engine

; SEQ ID NO 2844

; LENGTH: 25

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-922-181A-2844

Query Match

Best Local Similarity 59.3%; Score 16.6; DB 1; Length 25;

Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6 CCTACGTGTACAGGAGTCCAGG 28

|||

Db 1 CCTACGTGTACAGGAGTCCAGG 23

RESULT 19

US-09-954-427A-108187/c

; Sequence 108187, Application US/09954427A

; GENERAL INFORMATION:

; APPLICANT: Michael Miltmann

; TITLE OF INVENTION: Methods of Genetic Analysis of the Rat Genome

; FILE REFERENCE: 3112.1

; CURRENT APPLICATION NUMBER: US/09/954,427A

; CURRENT FILING DATE: 2001-09-17

; PRIOR APPLICATION NUMBER: 60/233,166

; NUMBER OF SEQ ID NOS: 420907

; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1

; SEQ ID NO 108187

; LENGTH: 25

; TYPE: DNA

; ORGANISM: Rattus Norvegicus

US-09-954-427A-108187

Query Match

Best Local Similarity 59.3%; Score 16.6; DB 1; Length 25;

Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2 GGCCCTACGTGTACAGGAGTCC 24

|||

Db 24 GGCCCTACGTGTACAGGAGTCC 2

RESULT 20

US-09-954-427A-134734

; Sequence 134734, Application US/09954427A

; GENERAL INFORMATION:

; APPLICANT: Michael Miltmann

; TITLE OF INVENTION: Methods of Genetic Analysis of the Rat Genome

; FILE REFERENCE: 3112.1

; CURRENT APPLICATION NUMBER: US/09/954,427A

; CURRENT FILING DATE: 2001-09-17

; PRIOR APPLICATION NUMBER: 60/233,166

; PRIOR FILING DATE: 2000-09-18

; NUMBER OF SEQ ID NOS: 420907
 ; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
 ; SEQ ID NO 134734
 ; LENGTH: 25
 ; TYPE: DNA
 ; ORGANISM: Rattus Norvegicus
 US-09-954-427A-134734

Query Match

Best Local Similarity 59.3%; Score 16.6; DB 1; Length 25;

Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3 GGCCCTACGTGTACAGGAGTCC 25

|||

Db 2 GGCCCTACGTGTACAGGAGTCC 24

RESULT 21

US-09-956-584-2663

; Sequence 2663, Application US/09956584

; GENERAL INFORMATION:

; APPLICANT: Miltman, Michael

; TITLE OF INVENTION: Methods of Genetic Analysis of Mus Musculus

; FILE REFERENCE: 3115.1

; CURRENT APPLICATION NUMBER: US/09/956,584

; CURRENT FILING DATE: 2001-09-19

; PRIOR APPLICATION NUMBER: 60/234,017

; NUMBER OF SEQ ID NOS: 605887

; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1

; SEQ ID NO 2663

; LENGTH: 25

; TYPE: DNA

; ORGANISM: Mus musculus

US-09-956-584-2663

Query Match

Best Local Similarity 59.3%; Score 16.6; DB 1; Length 25;

Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6 CCTACGTGTACAGGAGTCCAGG 28

|||

Db 2 CCTACGTGTACAGGAGTCCAGG 24

RESULT 22

US-10-355-577-23855

; Sequence 23855, Application US/10355577

; GENERAL INFORMATION:

; APPLICANT: Miltman, Michael

; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133

; FILE REFERENCE: 3121

; CURRENT APPLICATION NUMBER: US/10/355,577

; CURRENT FILING DATE: 2003-01-31

; NUMBER OF SEQ ID NOS: 997516

; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1

; SEQ ID NO 23855

; LENGTH: 25

; TYPE: DNA

; ORGANISM: Homo sapien

US-10-355-577-23855

Query Match

Best Local Similarity 59.3%; Score 16.6; DB 1; Length 25;

Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6 CCTACGTGTACAGGAGTCCAGG 28

|||

Db 3 CCTACGTGTACAGGAGTCCAGG 25

RESULT 23

US-10-355-577-592056/c

```

; Sequence 592056, Application US/10355577
; GENERAL INFORMATION:
; APPLICANT: Miltmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/10/355,577
; CURRENT FILING DATE: 2003-01-31
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 592056
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
; US-10-355-577-592056

Query Match
Best Local Similarity 59.3%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 28;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6 CCTACGTGTACAGGAGTCCAGG 28
DB 24 CCTACGTGTCTAGGACACCAGG 2

RESULT 24
US-60-234-017-31888
; Sequence 31888, Application US/60234017
; GENERAL INFORMATION:
; APPLICANT: Miltmann, M
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus
; FILE REFERENCE: 3115
; CURRENT APPLICATION NUMBER: US/60/234,017
; CURRENT FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 31888
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AY359510
; US-60-234-017-31888

Query Match
Best Local Similarity 59.3%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 28;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6 CCTACGTGTACAGGAGTCCAGG 28
DB 2 CCTACGTGTACAGGAGTCCCGG 24

RESULT 25
US-60-353-987-23855
; Sequence 23855, Application US/60353987
; GENERAL INFORMATION:
; APPLICANT: Miltmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/60/353,987
; CURRENT FILING DATE: 2002-02-01
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 23855
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
; US-60-353-987-23855

Query Match
Best Local Similarity 59.3%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 28;

```

```

Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6 CCTACGTGTACAGGAGTCCAGG 28
DB 3 CCTACGTGTACAGGAGTCCCGG 25

RESULT 26
US-60-353-987-592056/c
; Sequence 592056, Application US/60353987
; GENERAL INFORMATION:
; APPLICANT: Miltmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/60/353,987
; CURRENT FILING DATE: 2002-02-01
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 592056
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
; US-60-353-987-592056

Query Match
Best Local Similarity 59.3%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 28;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6 CCTACGTGTACAGGAGTCCAGG 28
DB 24 CCTACGTGTCTAGGACACCAGG 2

RESULT 27
US-09-922-181A-1335
; Sequence 1335, Application US/09922181A
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Nguyen, Cung-Tuong
; TITLE OF INVENTION: FOUR HUMAN ZINC-FINGER-CONTAINING PROTEINS: MD23, MD24, MD27 AND
; FILE REFERENCE: AEOMICA-12
; CURRENT APPLICATION NUMBER: US/09/922,181A
; CURRENT FILING DATE: 2001-12-12
; NUMBER OF SEQ ID NOS: 7046
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 1335
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-922-181A-1335

Query Match
Best Local Similarity 51.4%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 25;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3 GGCCTACGTGTACAG 18
DB 2 GGCCTACGTGTACAG 17

RESULT 28
US-09-922-181A-1336
; Sequence 1336, Application US/09922181A
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Nguyen, Cung-Tuong
; APPLICANT: Nguyen, Mark
; TITLE OF INVENTION: FOUR HUMAN ZINC-FINGER-CONTAINING PROTEINS: MD23, MD24, MD27 AND
; FILE REFERENCE: AEOMICA-12
; CURRENT APPLICATION NUMBER: US/09/922,181A
; CURRENT FILING DATE: 2001-12-12
; NUMBER OF SEQ ID NOS: 7046

```

```

; SOFTWARE: Aecmica Sequence Listing Engine
; SEQ ID NO 1336
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-922-181A-1336

```

```

Query Match          51.4%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 25;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY      3 GGCCCTACGTGTACAG 18
        |||||
Db       1 GGCCCTACGTGTGCAG 16

```

```

RESULT 29
PCT-US03-36777-197/c
; Sequence 197, Application PC/TUS0336777
; GENERAL INFORMATION:
; APPLICANT: Genomic Health
; APPLICANT: Vall d' Hebron University Hospital
; APPLICANT: Baker, Joffre
; APPLICANT: Cronin, Maureen
; APPLICANT: Shak, Steve
; APPLICANT: Baselga, Jose
; TITLE OF INVENTION: GENE EXPRESSION PROFILING OF EGFR
; FILE REFERENCE: 39740-0005
; CURRENT APPLICATION NUMBER: PCT/US03/36777
; CURRENT FILING DATE: 2003-11-14
; PRIOR APPLICATION NUMBER: 60/427090
; PRIOR FILING DATE: 2003-11-15
; NUMBER OF SEQ ID NOS: 372
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 197
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
PCT-US03-36777-197

```

```

Query Match          51.4%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 37;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY      6 CCTACGTGTACAGGA 21
        |||||
Db       20 CCTACGGGTACAGGA 5

```

```

RESULT 30
US-10-713-457-197/c
; Sequence 197, Application US/10713457
; GENERAL INFORMATION:
; APPLICANT: Baker, Joffre
; APPLICANT: Cronin, Maureen
; APPLICANT: Shak, Steve
; APPLICANT: Baselga, Jose
; TITLE OF INVENTION: GENE EXPRESSION PROFILING OF EGFR
; FILE REFERENCE: 39740-0005
; CURRENT APPLICATION NUMBER: US/10/713,457
; CURRENT FILING DATE: 2003-11-13
; PRIOR APPLICATION NUMBER: 60/427090
; PRIOR FILING DATE: 2003-11-15
; NUMBER OF SEQ ID NOS: 372
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 197
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence

```

```

; FEATURE:
; OTHER INFORMATION: primer
US-10-713-457-197

```

```

Query Match          51.4%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 37;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY      6 CCTACGTGTACAGGA 21
        |||||
Db       20 CCTACGGGTACAGGA 5

```

```

RESULT 31
US-10-714-195-197/c
; Sequence 197, Application US/10714195
; GENERAL INFORMATION:
; APPLICANT: Baker, Joffre
; APPLICANT: Cronin, Maureen
; APPLICANT: Shak, Steve
; APPLICANT: Baselga, Jose
; TITLE OF INVENTION: GENE EXPRESSION PROFILING OF EGFR
; FILE REFERENCE: 39740-0005
; CURRENT APPLICATION NUMBER: US/10/714,195
; CURRENT FILING DATE: 2003-11-14
; PRIOR APPLICATION NUMBER: 60/427090
; PRIOR FILING DATE: 2003-11-15
; NUMBER OF SEQ ID NOS: 372
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 197
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-714-195-197

```

```

Query Match          51.4%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 37;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY      6 CCTACGTGTACAGGA 21
        |||||
Db       20 CCTACGGGTACAGGA 5

```

```

RESULT 32
US-08-983-605-203/c
; Sequence 203, Application US/08983605A
; GENERAL INFORMATION:
; APPLICANT: Roder, Marion
; TITLE OF INVENTION: Microsatellite Markers for Plants of the Species
; TITLE OF INVENTION: Triticum aestivum and Tribe Triticeae and the Use of
; FILE REFERENCE: 2936.10400
; CURRENT APPLICATION NUMBER: US/08/983,605A
; CURRENT FILING DATE: 1998-05-01
; EARLIER APPLICATION NUMBER: DE 195 25 284.5
; EARLIER FILING DATE: 1995-06-28
; NUMBER OF SEQ ID NOS: 466
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 203
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Triticum aestivum
US-08-983-605-203

```

```

Query Match          50.7%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 35;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

QY      4 GCCCTACGTGTACAGGAG 22

```

Db 19 GCCTTAGCGGTACAGGAG 1

RESULT 33

US-09-532-263-19
Sequence 19, Application US/09532263

GENERAL INFORMATION:

APPLICANT: Hilton, Douglas J.
TITLE OF INVENTION: A NOVEL HAEMOPOIETIN RECEPTOR
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: SCULLY, SCOTT, MURPHY & PRESSER
STREET: 400 Garden City Plaza
CITY: Garden City
STATE: New York
COUNTRY: United States of America
ZIP: 11530

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/532,263
FILING DATE: 22-Apr-2000
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/702,665
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Presser, Leopold

REGISTRATION NUMBER: 19,827
REFERENCE/DOCKET NUMBER: 10296
TELECOMMUNICATION INFORMATION:
TELEPHONE: (516) 742-4343
TELEFAX: (516) 742-4366
TELEX: 203 901 SANS UR

SEQUENCE CHARACTERISTICS:

LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 19:
US-09-532-263-19

Query Match 50.7%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 45;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 10 CGGTACAGGAGTCCAGG 28
Db 3 CCTGACTTGAGTCCAGG 21

RESULT 34

US-09-853-105-19
Sequence 19, Application US/09853105

GENERAL INFORMATION:

APPLICANT: Hilton, Douglas J.
TITLE OF INVENTION: A NOVEL HAEMOPOIETIN RECEPTOR
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: SCULLY, SCOTT, MURPHY & PRESSER
STREET: 400 Garden City Plaza
CITY: Garden City
STATE: New York
COUNTRY: United States of America
ZIP: 11530

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/853,105
FILING DATE: 10-May-2001
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/702,665
FILING DATE: 20-DEC-1996
ATTORNEY/AGENT INFORMATION:
NAME: Presser, Leopold

REGISTRATION NUMBER: 19,827
REFERENCE/DOCKET NUMBER: 10296
TELECOMMUNICATION INFORMATION:
TELEPHONE: (516) 742-4343
TELEFAX: (516) 742-4366
TELEX: 203 901 SANS UR

SEQUENCE CHARACTERISTICS:

LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 19:
US-09-853-105-19

Query Match 50.7%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 45;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 10 CGGTACAGGAGTCCAGG 28
Db 3 CCTGACTTGAGTCCAGG 21

RESULT 35

US-09-922-181A-1337
Sequence 1337, Application US/09922181A

GENERAL INFORMATION:

APPLICANT: Gu, Yizhong
APPLICANT: Nguyen, Cung-Tuong
TITLE OF INVENTION: FOUR HUMAN ZINC-FINGER-CONTAINING PROTEINS: MD23, MD24, MD27 AND
FILE REFERENCE: AEWICA-12
CURRENT APPLICATION NUMBER: US/09/922,181A
CURRENT FILING DATE: 2001-12-12
NUMBER OF SEQ ID NOS: 7046
SOFTWARE: Acomica Sequence Listing Engine
SEQ ID NO 1337

LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens

US-09-922-181A-1337

Query Match 49.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 31;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4 GCCCTACGTGTACAGG 20
Db 1 GCCCTACGTGTACAGG 17

RESULT 36

US-09-922-181A-1338
Sequence 1338, Application US/09922181A

GENERAL INFORMATION:

APPLICANT: Gu, Yizhong
APPLICANT: Nguyen, Cung-Tuong
TITLE OF INVENTION: FOUR HUMAN ZINC-FINGER-CONTAINING PROTEINS: MD23, MD24, MD27 AND

FILE REFERENCE: AEOmica-12
CURRENT APPLICATION NUMBER: US/09/922,181A
CURRENT FILING DATE: 2001-12-12
NUMBER OF SEQ ID NOS: 7046
SOFTWARE: AeoMica Sequence Listing Engine
SEQ ID NO 1338
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-922-181A-1338

Query Match 49.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 31;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 CCTACGTGTACGGGAG 21
DB 1 CCTACGTGTGCGCGA 17

RESULT 37

US-09-922-181A-1339
Sequence 1339, Application US/09922181A
GENERAL INFORMATION:
APPLICANT: Gu, Yizhong
APPLICANT: Shannon, Mark
APPLICANT: Nguyen, Cung-Tuong
TITLE OF INVENTION: FOUR HUMAN ZINC-FINGER-CONTAINING PROTEINS: MD23, MD24, MD27 AND
FILE REFERENCE: AEOmica-12
CURRENT APPLICATION NUMBER: US/09/922,181A
CURRENT FILING DATE: 2001-12-12
NUMBER OF SEQ ID NOS: 7046
SOFTWARE: AeoMica Sequence Listing Engine
SEQ ID NO 1339
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-922-181A-1339

Query Match 49.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 31;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6 CCTACGTGTACGGGAG 22
DB 1 CCTACGTGTGCGCGAG 17

RESULT 38

US-09-922-181A-1340
Sequence 1340, Application US/09922181A
GENERAL INFORMATION:
APPLICANT: Gu, Yizhong
APPLICANT: Shannon, Mark
APPLICANT: Nguyen, Cung-Tuong
TITLE OF INVENTION: FOUR HUMAN ZINC-FINGER-CONTAINING PROTEINS: MD23, MD24, MD27 AND
FILE REFERENCE: AEOmica-12
CURRENT APPLICATION NUMBER: US/09/922,181A
CURRENT FILING DATE: 2001-12-12
NUMBER OF SEQ ID NOS: 7046
SOFTWARE: AeoMica Sequence Listing Engine
SEQ ID NO 1340
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-922-181A-1340

Query Match 49.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 31;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7 CTACGTGTACGGGAGT 23
||||||| ||| |||

DB 1 CTACGTGTGCGCGAGT 17

RESULT 39

US-09-922-181A-1334
Sequence 1334, Application US/09922181A
GENERAL INFORMATION:
APPLICANT: Gu, Yizhong
APPLICANT: Shannon, Mark
APPLICANT: Nguyen, Cung-Tuong
TITLE OF INVENTION: FOUR HUMAN ZINC-FINGER-CONTAINING PROTEINS: MD23, MD24, MD27 AND
FILE REFERENCE: AEOmica-12
CURRENT APPLICATION NUMBER: US/09/922,181A
CURRENT FILING DATE: 2001-12-12
NUMBER OF SEQ ID NOS: 7046
SOFTWARE: AeoMica Sequence Listing Engine
SEQ ID NO 1334
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-922-181A-1334

Query Match 47.9%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 36;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3 GGCCCTACGTGTACA 17
DB 3 GGCCCTACGTGTGCA 17

RESULT 40

US-08-633-792-6/C
Sequence 6, Application US/08633792
GENERAL INFORMATION:
APPLICANT: Barrett, Graham L
TITLE OF INVENTION: A METHOD FOR ENHANCING NEURONE
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Scully, Scott, Murphy & Presser
STREET: 400 Garden City Plaza
CITY: Garden City
STATE: New York
COUNTRY: U.S.A.
ZIP: 11530
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/633,792
FILING DATE: 01-JUL-1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: AU PM/1870
FILING DATE: 18-OCT-1993
ATTORNEY/AGENT INFORMATION:
NAME: Digiglio, Frank S
REGISTRATION NUMBER: 31,346
REFERENCE/DOCKET NUMBER: 10062
TELECOMMUNICATION INFORMATION:
TELEPHONE: (516)742-4343
TELEFAX: (516)742-4366
TELEX: 230 901 SANS UR
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA oligonucleotide"

SURVIVAL AND AG

US-08-633-792-6

Query Match 47.9%; Score 13.4; DB 1; Length 18;
 Best Local Similarity 93.3%; Pred. No. 42;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 12 TGTACAGGAGTCCA 26
 |||||
 DB 17 TGTACAGGAGTCCA 3

RESULT 41
US-09-075-717-6/c

; Sequence 6, Application US/09075717
 ; GENERAL INFORMATION:
 ; APPLICANT: Barrett, Graham L
 ; TITLE OF INVENTION: A METHOD FOR ENHANCING NEURONE SURVIVAL
 ; TITLE OF INVENTION: AND AGENTS USEFUL FOR SAME
 ; NUMBER OF SEQUENCES: 9
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Scully, Scott, Murphy & Presser
 ; STREET: 400 Garden City Plaza
 ; CITY: Garden City
 ; STATE: New York
 ; COUNTRY: U.S.A.
 ; ZIP: 11530

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/075,717

FILING DATE: 01-JUL-1996

APPLICATION NUMBER: AU PM/1870

FILING DATE: 18-OCT-1993

ATTORNEY/AGENT INFORMATION:

NAME: Digilio, Frank S.

REGISTRATION NUMBER: 31,346

REFERENCE/DOCKET NUMBER: 10062

TELECOMMUNICATION INFORMATION:

TELEPHONE: (516) 742-4343

TELEFAX: (516) 742-4366

TELEX: 230 901 SANS UR

INFORMATION FOR SEQ ID NO: 6:

SEQUENCE CHARACTERISTICS:

LENGTH: 18 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULAR TYPE: other nucleic acid

DESCRIPTION: /desc = "DNA oligonucleotide"

US-09-075-717-6

Query Match 47.9%; Score 13.4; DB 1; Length 18;
 Best Local Similarity 93.3%; Pred. No. 42;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;QY 12 TGTACAGGAGTCCA 26
 |||||
 DB 17 TGTACAGGAGTCCA 3RESULT 42
US-09-918-779-35/c
; Sequence 35, Application US/09918779
; GENERAL INFORMATION:
; APPLICANT: Taupier, Raymond
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Padigaru, Muralidhara

; APPLICANT: Rastelli, Luca
 ; APPLICANT: Spaderna, Steven
 ; APPLICANT: Shimkets, Richard
 ; APPLICANT: Zernhusen, Bryan
 ; APPLICANT: Szytek, Kimberly
 ; APPLICANT: Shenoy, Suresh
 ; APPLICANT: Li, Li
 ; APPLICANT: Gusev, Vladimir
 ; APPLICANT: Grosse, William
 ; APPLICANT: Alcobrook, John
 ; APPLICANT: Lepley, Denise
 ; APPLICANT: Burgess, Catherine
 ; APPLICANT: Gerlach, Valerie
 ; APPLICANT: Ellerman, Karen
 ; APPLICANT: MacDougall, John
 ; APPLICANT: Stone, David

; APPLICANT: Smithson, Glenda
 ; TITLE OF INVENTION: Novel Proteins and Nucleic Acids Encoding Same
 ; FILE REFERENCE: 21402-074 US
 ; CURRENT APPLICATION NUMBER: US/09/918,779
 ; CURRENT FILING DATE: 2001-07-30
 ; PRIOR APPLICATION NUMBER: 60/221,409
 ; PRIOR FILING DATE: 2000-07-28
 ; PRIOR APPLICATION NUMBER: 60/222,840
 ; PRIOR FILING DATE: 2000-08-04
 ; PRIOR APPLICATION NUMBER: 60/223,752
 ; PRIOR FILING DATE: 2000-08-08
 ; PRIOR APPLICATION NUMBER: 60/223,762
 ; PRIOR FILING DATE: 2000-08-08
 ; PRIOR APPLICATION NUMBER: 60/223,770
 ; PRIOR FILING DATE: 2000-08-08
 ; PRIOR APPLICATION NUMBER: 60/223,769
 ; PRIOR FILING DATE: 2000-08-08
 ; PRIOR APPLICATION NUMBER: 60/225,146
 ; PRIOR FILING DATE: 2000-08-14
 ; PRIOR APPLICATION NUMBER: 60/225,392
 ; PRIOR FILING DATE: 2000-08-15
 ; PRIOR APPLICATION NUMBER: 60/225,470
 ; PRIOR FILING DATE: 2000-08-15
 ; PRIOR APPLICATION NUMBER: 60/225,697
 ; PRIOR FILING DATE: 2000-08-16
 ; PRIOR APPLICATION NUMBER: 60/263,662
 ; PRIOR FILING DATE: 2001-02-01
 ; PRIOR APPLICATION NUMBER: 60/281,645
 ; PRIOR FILING DATE: 2001-04-05
 ; NUMBER OF SEQ ID NOS: 61
 ; SOFTWARE: Patentin Ver. 2.1
 ; SEQ ID NO 35
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: Oligonucleotide
 ; OTHER INFORMATION: primers

US-09-918-779-35
 Query Match 47.9%; Score 13.4; DB 1; Length 20;
 Best Local Similarity 93.3%; Pred. No. 54;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 14 TACAGGAGTCCAG 28
 |||||
 DB 17 TAGAGGAGTCCAG 3

RESULT 43
 US-10-624-932-35/c
 ; Sequence 35, Application US/10624932
 ; GENERAL INFORMATION:
 ; APPLICANT: Taupier, Raymond
 ; APPLICANT: Padigaru, Muralidhara
 ; APPLICANT: Rastelli, Luca
 ; APPLICANT: Spaderna, Steven

```
APPLICANT: Shinkets, Richard
APPLICANT: Zetnussen, Bryan
APPLICANT: Spytek, Kimberly
APPLICANT: Shenoy, Suresh
APPLICANT: Li, Li
APPLICANT: Gusev, Vladimir
APPLICANT: Grosse, William
APPLICANT: Alsobrook, John
APPLICANT: Lepley, Denise
APPLICANT: Burgess, Catherine
APPLICANT: Gerlach, Valerie
APPLICANT: Ellerman, Karen
APPLICANT: MacDougall, John
APPLICANT: Stone, David
APPLICANT: Smithson, Glenda
TITLE OF INVENTION: Novel Proteins and Nucleic Acids Encoding Same
FILE REFERENCE: 21402-074 US
CURRENT APPLICATION NUMBER: US/10/624,932
CURRENT FILING DATE: 2003-07-21
PRIOR APPLICATION NUMBER: 09/918,779
PRIOR FILING DATE: 2001-07-03
PRIOR APPLICATION NUMBER: 60/221,409
PRIOR FILING DATE: 2000-07-28
PRIOR APPLICATION NUMBER: 60/222,840
PRIOR FILING DATE: 2000-08-04
PRIOR APPLICATION NUMBER: 60/223,752
PRIOR FILING DATE: 2000-08-08
PRIOR APPLICATION NUMBER: 60/223,762
PRIOR FILING DATE: 2000-08-08
PRIOR APPLICATION NUMBER: 60/223,770
PRIOR FILING DATE: 2000-08-08
PRIOR APPLICATION NUMBER: 60/223,769
PRIOR FILING DATE: 2000-08-08
PRIOR APPLICATION NUMBER: 60/225,146
PRIOR FILING DATE: 2000-08-14
PRIOR APPLICATION NUMBER: 60/225,392
PRIOR FILING DATE: 2000-08-15
PRIOR APPLICATION NUMBER: 60/225,470
PRIOR FILING DATE: 2000-08-15
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 61
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 35
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:Oligonucleotide
US-10-624-932-35

Query Match          47.9%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 54;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 14 TAGAGGAGTCCAGG 28
DB 17 TAGAGGAGTCCAGG 3

RESULT 44
US-10-310-188-57779
Sequence 57779, Application US/10310188
GENERAL INFORMATION:
APPLICANT: RosettaGenomics
TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES
FILE REFERENCE: 47487
CURRENT APPLICATION NUMBER: US/10/310,188
NUMBER OF SEQ ID NOS: 86841
SOFTWARE: PatentIn version 3.1
SEQ ID NO 57779
```

```
LENGTH: 18
TYPE: DNA
ORGANISM: Homo sapiens
US-10-310-188-57779

Query Match          47.1%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 45;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 9 ACGGTACAGGAGTCCA 26
DB 1 ACGGTACAGGAGTCCA 19

RESULT 45
US-10-310-188-49862
Sequence 49862, Application US/10310188
GENERAL INFORMATION:
APPLICANT: RosettaGenomics
TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES
FILE REFERENCE: 47487
CURRENT APPLICATION NUMBER: US/10/310,188
CURRENT FILING DATE: 2002-12-19
NUMBER OF SEQ ID NOS: 86841
SOFTWARE: PatentIn version 3.1
SEQ ID NO 49862
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
US-10-310-188-49862
```

```
Query Match          47.1%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 51;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 11 GTGTACAGGAGTCCAGG 28
DB 2 GTGTACAGGAGTCCAGG 19
```

```
RESULT 46
US-10-159-856-39/c
Sequence 39, Application US/10159856
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR KINASE 6 EXPRESSION
FILE REFERENCE: RTS-0365
CURRENT APPLICATION NUMBER: US/10/159,856
CURRENT FILING DATE: 2002-05-31
NUMBER OF SEQ ID NOS: 134
SEQ ID NO 39
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-159-856-39
```

```
Query Match          47.1%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 58;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 4 GCCCTAGTGTACAGGA 21
DB 19 GCCCTAGTGTACAGGA 2
```

```
RESULT 47
US-10-159-856-105
Sequence 105, Application US/10159856
GENERAL INFORMATION:
```


;; CURRENT FILING DATE: 2001-12-12
;; NUMBER OF SEQ ID NOS: 7046
;; SOFTWARE: Aecomica Sequence Listing Engine
;; SEQ ID NO 1333
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-922-181A-1333

Query Match 44.3%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 53;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3 GGGCCCTACTGTAC 16
|||
DB 4 GGGCCCTACTGTGC 17

RESULT 53

US-10-310-188-36260
; Sequence 36260, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICALY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES
; TITLE OF INVENTION: USES THEREOF
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 36260
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-36260

Query Match 44.3%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 61;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7 CTACGTGTACGAGG 20
|||
DB 2 CTACGTGTACGAGG 15

RESULT 54

US-09-356-067-30
; Sequence 30, Application US/09356067
; GENERAL INFORMATION:
; APPLICANT: North, Michael
; APPLICANT: Nishina, Patsy
; APPLICANT: Nagart, Ueigen
; APPLICANT: Noben-Trauth, Konrad
; TITLE OF INVENTION: GENE FAMILY ASSOCIATED WITH
; TITLE OF INVENTION: NEUROSENSORY DEFECTS
; NUMBER OF SEQUENCES: 67
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Bozicevic & Reed, LLP
; STREET: 285 Hamilton Avenue, Suite 200
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94301

COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/356,067
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/032,365

;; FILING DATE:
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Sherwood, Pamela J
;; REGISTRATION NUMBER: 36,677
;; REFERENCE/DOCKET NUMBER: SEQ-2C1P2
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 650-327-3400
;; TELEFAX: 650 327-3231
;; TELEX:
;; INFORMATION FOR SEQ ID NO: 30:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 19 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: cDNA
US-09-356-067-30

Query Match 44.3%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 69;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 15 ACAGGAGTCCAGG 28
|||
DB 6 ACAGGAGTCCAGG 19

RESULT 55
US-10-184-372-23
; Sequence 23, Application US/10184372
; GENERAL INFORMATION:
; APPLICANT: Bank, Rudolf A.
; APPLICANT: Van der Sloot, Annemarie J.
; APPLICANT: Zuurmond, Anne-Marie M.
; APPLICANT: Te Koppeler, Johannes M.
; TITLE OF INVENTION: Modification of collagenous materials and medical treatment, di
; TITLE OF INVENTION: and monitoring of fibrotic conditions
; FILE REFERENCE: P60187US00
; CURRENT APPLICATION NUMBER: US/10/184,372
; CURRENT FILING DATE: 2003-06-19
; PRIOR APPLICATION NUMBER: US 09/450,209
; PRIOR FILING DATE: 1999-11-29
; NUMBER OF SEQ ID NOS: 59
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 23
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-184-372-23

Query Match 44.3%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 69;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 15 ACAGGAGTCCAGG 28
|||
DB 3 ACAGGAGTCCAGG 16

RESULT 56
US-09-882-945A-275
; Sequence 275, Application US/09882945A
; GENERAL INFORMATION:
; APPLICANT: Dyamchev, Victor
; APPLICANT: Allawi, Hatim
; APPLICANT: Dong, Fang
; APPLICANT: Neri, Bruce
; APPLICANT: Veneri, Tatiana
; TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
; FILE REFERENCE: F0RS-04586

;; CURRENT APPLICATION NUMBER: US/09/882,945A
;; CURRENT FILING DATE: 2001-06-15
;; NUMBER OF SEQ ID NOS: 334
;; SOFTWARE: PatentIn version 3.0
;; SEQ ID NO 275
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Synthetic
US-09-882-945A-275

Query Match 43.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 57;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2 GGGCCCTACGTGACG 18
DB 1 GGACCTATGCTACG 17

RESULT 57
US-09-922-181A-1342
;; Sequence 1342, Application US/09922181A
;; GENERAL INFORMATION:
;; APPLICANT: Gu, Yizhong
;; APPLICANT: Shannon, Mark
;; APPLICANT: Nguyen, Cung-Tuong
;; TITLE OF INVENTION: FOUR HUMAN ZINC-FINGER-CONTAINING PROTEINS: MD23, MD24, MD27 AND
;; FILE REFERENCE: AEWICA-12
;; CURRENT APPLICATION NUMBER: US/09/922,181A
;; CURRENT FILING DATE: 2001-12-12
;; NUMBER OF SEQ ID NOS: 7046
;; SOFTWARE: Aewica Sequence Listing Engine
;; SEQ ID NO 1342
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-922-181A-1342

Query Match 43.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 57;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 9 ACGGTACAGGAGTCC 25
DB 1 ACGGTGACAGGAGTGC 17

RESULT 58
US-60-339-764-2159/c
;; Sequence 2159, Application US/60339764
;; GENERAL INFORMATION:
;; APPLICANT: Guo, Jinjiao
;; TITLE OF INVENTION: HUMAN PROSTATE CANCER CANDIDATE PROTEIN 1
;; FILE REFERENCE: AEWICA-31
;; CURRENT APPLICATION NUMBER: US/60/339,764
;; CURRENT FILING DATE: 2001-12-10
;; NUMBER OF SEQ ID NOS: 3310
;; SOFTWARE: Aewica Sequence Listing Engine
;; SEQ ID NO 2159
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-60-339-764-2159

Query Match 43.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 57;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 12 TGTAACAGGAGTCCAG 28
DB 17 TGAAAAGGAGTCAAG 1

RESULT 59
US-60-339-764-2304/c
;; Sequence 2304, Application US/60339764
;; GENERAL INFORMATION:
;; APPLICANT: Guo, Jinjiao
;; TITLE OF INVENTION: HUMAN PROSTATE CANCER CANDIDATE PROTEIN 1
;; FILE REFERENCE: AEWICA-31
;; CURRENT APPLICATION NUMBER: US/60/339,764
;; CURRENT FILING DATE: 2001-12-10
;; NUMBER OF SEQ ID NOS: 3310
;; SOFTWARE: Aewica Sequence Listing Engine
;; SEQ ID NO 2304
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-60-339-764-2304

Query Match 43.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 57;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5 CCTACGTGTACAGGGA 21
DB 17 CCTACGTATTAAGAGA 1

RESULT 60
US-10-303-778-16476/c
;; Sequence 16476, Application US/10303778
;; GENERAL INFORMATION:
;; APPLICANT: RosettaGenomics
;; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL
;; TITLE OF INVENTION: REGULATORY GENES AND USES THEREOF
;; FILE REFERENCE: 47416
;; CURRENT APPLICATION NUMBER: US/10/303,778
;; CURRENT FILING DATE: 2002-11-26
;; NUMBER OF SEQ ID NOS: 17608
;; SOFTWARE: PatentIn version 3.1
;; SEQ ID NO 16476
;; LENGTH: 18
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-10-303-778-16476

Query Match 43.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 65;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2 GGGCCCTACGTGACG 18
DB 18 GGGCCCTGCTGACTG 2

RESULT 61
PCT-US01-16907-32
;; Sequence 32, Application PC/TUS0116907
;; GENERAL INFORMATION:
;; APPLICANT: Genaisance Pharmaceuticals, Inc.
;; APPLICANT: Chew, Anne
;; APPLICANT: Choi, Julie Y.
;; APPLICANT: Koehy, Beena
;; TITLE OF INVENTION: Haplotypes of the PEST Gene
;; FILE REFERENCE: MMH-0604PCT PEST
;; CURRENT APPLICATION NUMBER: PCT/US01/16907
;; CURRENT FILING DATE: 2001-05-23
;; PRIOR APPLICATION NUMBER: 60/206,487
;; PRIOR FILING DATE: 2000-05-23
;; NUMBER OF SEQ ID NOS: 119
;; SOFTWARE: PatentIn Ver. 2.1
;; SEQ ID NO 32
;; LENGTH: 15

```

; TYPE: DNA
; ORGANISM: Homo sapiens
; PCT-US01-16907-32

```

```

Query Match          42.9%; Score 12; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 45;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

```

```

Qy 10 CGGTACAGGAGT 23
    |||||
Db 1 CCGCTACAGGAGT 14

```

```

RESULT 62
US-09-922-181A-1331
; Sequence 1331, Application US/09922181A
; GENERAL INFORMATION:

```

```

; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; APPLICANT: Nguyen, Cung-Tuong
; TITLE OF INVENTION: FOUR HUMAN ZINC-FINGER-CONTAINING PROTEINS: MD23, MD24, MD27 AND
; FILE REFERENCE: AEWICA-12
; CURRENT APPLICATION NUMBER: US/09/922,181A
; CURRENT FILING DATE: 2001-12-12
; NUMBER OF SEQ ID NOS: 7046
; SOFTWARE: AEWICA Sequence Listing Engine
; SEQ ID NO 1331
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-922-181A-1331

```

```

Query Match          42.9%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 61;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 3 GGGCCACGCTG 14
    |||||
Db 6 GGGCCACGCTG 17

```

```

RESULT 63
US-09-922-181A-1332
; Sequence 1332, Application US/09922181A
; GENERAL INFORMATION:

```

```

; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; APPLICANT: Nguyen, Cung-Tuong
; TITLE OF INVENTION: FOUR HUMAN ZINC-FINGER-CONTAINING PROTEINS: MD23, MD24, MD27 AND
; FILE REFERENCE: AEWICA-12
; CURRENT APPLICATION NUMBER: US/09/922,181A
; CURRENT FILING DATE: 2001-12-12
; NUMBER OF SEQ ID NOS: 7046
; SOFTWARE: AEWICA Sequence Listing Engine
; SEQ ID NO 1332
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-922-181A-1332

```

```

Query Match          42.9%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 61;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 3 GGGCCACGCTG 14
    |||||
Db 5 GGGCCACGCTG 16

```

```

RESULT 64
US-09-869-169-2
; Sequence 2, Application US/09869169
; GENERAL INFORMATION:

```

```

; APPLICANT: Paulussen, Aimee
; APPLICANT: Armstrong, Martin
; TITLE OF INVENTION: Genotyping Cytochrome Expression
; FILE REFERENCE: 51639/001
; CURRENT APPLICATION NUMBER: US/09/869,169
; CURRENT FILING DATE: 2001-06-22
; PRIOR APPLICATION NUMBER: GB 9828619.8
; PRIOR FILING DATE: 1998-12-23
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:primer
US-09-869-169-2

```

```

Query Match          42.1%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 57;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

Qy 13 GTACAGGAGTCCAG 27
    |||||
Db 2 GTACAGGAGTCCAG 16

```

```

RESULT 65
US-09-869-169B-2
; Sequence 2, Application US/09869169B
; GENERAL INFORMATION:

```

```

; APPLICANT: Paulussen, Aimee
; APPLICANT: Armstrong, Martin
; TITLE OF INVENTION: Genotyping Cytochrome Expression
; FILE REFERENCE: 51639/001
; CURRENT APPLICATION NUMBER: US/09/869,169B
; CURRENT FILING DATE: 2001-06-22
; PRIOR APPLICATION NUMBER: GB 9828619.8
; PRIOR FILING DATE: 1998-12-23
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:primer
US-09-869-169B-2

```

```

Query Match          42.1%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 57;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

Qy 13 GTACAGGAGTCCAG 27
    |||||
Db 2 GTACAGGAGTCCAG 16

```

```

RESULT 66
US-10-719-900-24839/C
; Sequence 24839, Application US/10719900
; GENERAL INFORMATION:

```

```

; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 24839
; LENGTH: 25

```

TYPE: DNA
ORGANISM: Mus musculus
US-10-719-900-248399

Query Match 42.1%; Score 11.8; DB 1; Length 25;
Best Local Similarity 86.7%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 8 TACGTGTACAGGAG 22
Db 17 TCCCTGTACAGGAG 3

RESULT 67
US-60-427-808-248399/c
; Sequence 248399, Application US/60427808
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528
; CURRENT APPLICATION NUMBER: US/60/427,808
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 248399
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-60-427-808-248399

Query Match 42.1%; Score 11.8; DB 1; Length 25;
Best Local Similarity 86.7%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 8 TACGTGTACAGGAG 22
Db 17 TCCCTGTACAGGAG 3

RESULT 68
US-09-555-362-122
; Sequence 122, Application US/09555362
; GENERAL INFORMATION:
; APPLICANT: Bradfield, Christopher A.
; APPLICANT: Gu, Yi Zhong
; APPLICANT: Hogenesch, John B.
; TITLE OF INVENTION: CDNAs and Proteins Involved in Hypoxia, Circadian and Orphan Sign
; FILE REFERENCE: WARF-0044 (P98022)
; CURRENT APPLICATION NUMBER: US/09/555,362
; CURRENT FILING DATE: 2000-07-24
; PRIOR APPLICATION NUMBER: PCT/US98/25314
; PRIOR FILING DATE: 1998-11-27
; PRIOR APPLICATION NUMBER: 60/066,863
; PRIOR FILING DATE: 1997-11-28
; NUMBER OF SEQ ID NOS: 126
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 122
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Synthetic Sequence
US-09-555-362-122

Query Match 40.7%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 48;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4 GCCCTACGTGTAC 16
Db 1 GCCCTACGTGTTC 13

RESULT 69
US-10-287-787-6950/c
; Sequence 6950, Application US/10287787
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Caulobacter crescentus complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/287,787
; CURRENT FILING DATE: 2003-03-03
; NUMBER OF SEQ ID NOS: 27958
; SOFTWARE: Proprietary
; SEQ ID NO 6950
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Caulobacter crescentus complete genome.
; FEATURE:
; LOCATION: (946131)...(946146)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 76;
US-10-287-787-6950

Query Match 40.7%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 56;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 16 CAGGAGTCCAGG 28
Db 14 CAGGCGCTCCAGG 2

RESULT 70
US-10-287-787-20271/c
; Sequence 20271, Application US/10287787
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Caulobacter crescentus complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/287,787
; CURRENT FILING DATE: 2003-03-03
; NUMBER OF SEQ ID NOS: 27958
; SOFTWARE: Proprietary
; SEQ ID NO 20271
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Caulobacter crescentus complete genome.
; FEATURE:
; LOCATION: (303568)...(3035702)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 224
US-10-287-787-20271

Query Match 40.7%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 56;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 16 CAGGAGTCCAGG 28
Db 14 CAGGCGCTCCAGG 2

RESULT 71
US-09-590-522-1
; Sequence 1, Application US/09590522
; GENERAL INFORMATION:
; APPLICANT: Dale, Roderic M.K.
; APPLICANT: Arrow, Amy
; APPLICANT: Thompson, Terry
; TITLE OF INVENTION: Homeopathic Anti-Inflammatory
; FILE REFERENCE: OLIG-023
; CURRENT APPLICATION NUMBER: US/09/590,522
; CURRENT FILING DATE: 2000-06-09
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: FastSeq for Windows Version 4.0
US-09-590-522-1


```
SEQ ID NO 1
LENGTH: 16
TYPE: DNA
ORGANISM: homo sapiens
US-09-590-522-1
```

```
Query Match      40.7%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 66;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      10 CGGTACAGGAG 22
DB      1 CGGTCCAGGAG 13
```

```
RESULT 72
PCT-US02-25943-46322/c
Sequence 46322, Application PC/TUS0225943
```

```
GENERAL INFORMATION:
APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
FILE REFERENCE: Jim Zeeger Law Offices - 703-684-8333
CURRENT APPLICATION NUMBER: PCT/US02/25943
CURRENT FILING DATE: 2002-08-27
NUMBER OF SEQ ID NOS: 64158
SOFTWARE: Proprietary
SEQ ID NO 46322
LENGTH: 17
TYPE: DNA
ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
FEATURES:
LOCATION: (4497630)...(4497646)
OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectionObjectNumber = 49627
PCT-US02-25943-46322
```

```
Query Match      40.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 76;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      15 ACAGGAGTCCAG 27
DB      13 ACAGGAGTCCAG 1
```

```
RESULT 73
PCT-US02-25943-46323/c
Sequence 46323, Application PC/TUS0225943
```

```
GENERAL INFORMATION:
APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
FILE REFERENCE: Jim Zeeger Law Offices - 703-684-8333
CURRENT APPLICATION NUMBER: PCT/US02/25943
CURRENT FILING DATE: 2002-08-27
NUMBER OF SEQ ID NOS: 64158
SOFTWARE: Proprietary
SEQ ID NO 46323
LENGTH: 17
TYPE: DNA
ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
FEATURES:
LOCATION: (4497630)...(4497646)
OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectionObjectNumber = 49626
PCT-US02-25943-46323
```

```
Query Match      40.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 76;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      15 ACAGGAGTCCAG 27
DB      13 ACAGGAGTCCAG 1
```

```
RESULT 74
US-09-745-237A-643/c
Sequence 643, Application US/09745237A
```

```
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
FILE REFERENCE: 400/007 (MHB00-918-A)
CURRENT APPLICATION NUMBER: US/09/745,237A
CURRENT FILING DATE: 2002-04-15
NUMBER OF SEQ ID NOS: 4550
SOFTWARE: PatentIn version 3.0
SEQ ID NO 643
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-745-237A-643
```

```
Query Match      40.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 76;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      11 GTGTACAGGAGT 23
DB      15 GTGTACAGGAGT 3
```

```
RESULT 75
US-09-745-237A-1045/c
Sequence 1045, Application US/09745237A
```

```
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
FILE REFERENCE: 400/007 (MHB00-918-A)
CURRENT APPLICATION NUMBER: US/09/745,237A
CURRENT FILING DATE: 2002-04-15
NUMBER OF SEQ ID NOS: 4550
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1045
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-745-237A-1045
```

```
Query Match      40.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 76;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      11 GTGTACAGGAGT 23
DB      17 GTGTACAGGAGT 5
```

```
RESULT 76
US-09-745-237A-1120/c
Sequence 1120, Application US/09745237A
```

```
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
FILE REFERENCE: 400/007 (MHB00-918-A)
CURRENT APPLICATION NUMBER: US/09/745,237A
CURRENT FILING DATE: 2002-04-15
NUMBER OF SEQ ID NOS: 4550
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1120
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-745-237A-1120
```

```
QY      11 GTGTACAGGAGT 23
DB      17 GTGTACAGGAGT 5
```

US-09-745-237A-1120

Query Match 40.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 76;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 11 GTGTACAGGAGT 23
DB 14 GTGTACAGGAGT 2

RESULT 77

US-09-930-423-643/C
; Sequence 643, Application US/09930423
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MBH00, 918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 643
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-643

Query Match 40.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 76;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 11 GTGTACAGGAGT 23
DB 15 GTGTACAGGAGT 3

RESULT 78

US-09-930-423-1045/C
; Sequence 1045, Application US/09930423
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MBH00, 918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1045
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-1045

Query Match 40.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 76;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 11 GTGTACAGGAGT 23
DB 17 GTGTACAGGAGT 5

RESULT 79

US-09-930-423-1120/C
; Sequence 1120, Application US/09930423
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry

; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MBH00, 918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1120
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-1120

Query Match 40.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 76;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 11 GTGTACAGGAGT 23
DB 14 GTGTACAGGAGT 2

RESULT 80

US-10-227-565-46322/C
; Sequence 46322, Application US/10227565
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
; FILE REFERENCE: Jim Zeeger Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/227,565
; CURRENT FILING DATE: 2002-08-26
; NUMBER OF SEQ ID NOS: 64158
; SOFTWARE: Proprietary
; SEQ ID NO 46322
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
; FEATURE:
; LOCATION: (4497630)..(4497646)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 496
US-10-227-565-46322

Query Match 40.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 76;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 15 ACAGGGATTCAG 27
DB 13 ACAGGGATTCAG 1

RESULT 81

US-10-227-565-46323/C
; Sequence 46323, Application US/10227565
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
; FILE REFERENCE: Jim Zeeger Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/227,565
; CURRENT FILING DATE: 2002-08-26
; NUMBER OF SEQ ID NOS: 64158
; SOFTWARE: Proprietary
; SEQ ID NO 46323
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
; FEATURE:
; LOCATION: (4497630)..(4497646)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 496
US-10-227-565-46323

Query Match 40.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 76;

```
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 15 ACAGGAGTCCAG 27
    |||||
Db 13 ACAGGAGTCCAG 1

RESULT 82
US-10-310-188-68063
; Sequence 68063, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 68063
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-68063

Query Match
Best Local Similarity 40.7%; Score 11.4; DB 1; Length 17;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 16 CAGGAGTCCAG 28
    |||||
Db 1 CAGGAGTCCAG 13

RESULT 83
US-10-310-188-77630
; Sequence 77630, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 77630
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-77630

Query Match
Best Local Similarity 40.7%; Score 11.4; DB 1; Length 17;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 14 TACAGGAGTCCA 26
    |||||
Db 5 TACAGTGTGATCCA 17

RESULT 84
US-10-367-832A-46322/c
; Sequence 46322, Application US/10367832A
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
; FILE REFERENCE: Jim Zegeer law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/367,832A
; CURRENT FILING DATE: 2002-08-26
; NUMBER OF SEQ ID NOS: 64158
; SOFTWARE: Proprietary
; SEQ ID NO 46322
```

```
LENGTH: 17
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
; FEATURE:
; LOCATION: (4497630)...(4497646)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectorObjectNumber = 4962
US-10-367-832A-46322

Query Match
Best Local Similarity 40.7%; Score 11.4; DB 1; Length 17;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 15 ACAGGAGTCCAG 27
    |||||
Db 13 ACAGGAGTCCAG 1

RESULT 85
US-10-367-832A-46323/c
; Sequence 46323, Application US/10367832A
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
; FILE REFERENCE: Jim Zegeer law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/367,832A
; CURRENT FILING DATE: 2002-08-26
; NUMBER OF SEQ ID NOS: 64158
; SOFTWARE: Proprietary
; SEQ ID NO 46323
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
; FEATURE:
; LOCATION: (4497630)...(4497646)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectorObjectNumber = 4962
US-10-367-832A-46323

Query Match
Best Local Similarity 40.7%; Score 11.4; DB 1; Length 17;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 15 ACAGGAGTCCAG 27
    |||||
Db 13 ACAGGAGTCCAG 1

RESULT 86
PCT-US02-40948-342/c
; Sequence 342, Application PC/TUS0240948
; GENERAL INFORMATION:
; APPLICANT: INCYTE GENOMICS, INC.
; APPLICANT: JONES, Karen Anne
; APPLICANT: VALDES, Ana
; APPLICANT: TOWNLEY, David J.
; APPLICANT: MANGION, Johnathan M.
; APPLICANT: GALMEY, Nicolas
; APPLICANT: BENNETT, Simon T.
; APPLICANT: MCKAY, Ian J.
; APPLICANT: SCHAFER, Alan
; TITLE OF INVENTION: NOCTOTIDE POLYMORPHISMS ASSOCIATED WITH OSTROPOROSIS
; FILE REFERENCE: PV-0015 PCT
; CURRENT APPLICATION NUMBER: PCT/US02/40948
; CURRENT FILING DATE: 2002-12-19
; PRIOR APPLICATION NUMBER: US 60/342,711
; PRIOR FILING DATE: 2001-12-20
; PRIOR APPLICATION NUMBER: US 60/423,559
; PRIOR FILING DATE: 2002-11-04
; NUMBER OF SEQ ID NOS: 400
; SOFTWARE: PERL Program
; SEQ ID NO 342
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
```

FEATURE:
NAME/KEY: misc.feature
OTHER INFORMATION: Incyte ID No: NOT304 B Primer Sequence
PCT-US02-40948-342

Query Match 40.0%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 71;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 11 GGTACAGGAGTCCA 26
Db 16 GAGTCGAGGAGTCCA 1

RESULT 87
PCT-US95-03316-23
Sequence 23, Application PC/TUS9503316
GENERAL INFORMATION:
APPLICANT: Kamb, Alexander
TITLE OF INVENTION: MTS GENE, SOMATIC MUTATIONS IN THE MTS
TITLE OF INVENTION: GENE, AND METHODS FOR DIAGNOSIS, PROGNOSIS AND THERAPY OF
TITLE OF INVENTION: CANCER DUE TO THE MTS GENE
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
STREET: 1201 New York Avenue, Suite 1000
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/03316
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/251,938
FILING DATE: 01-JUN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/215,088
FILING DATE: 18-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/214,581
FILING DATE: 18-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/227,369
FILING DATE: 14-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/214,582
FILING DATE: 18-MAR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Saxe, Stephen A.
REGISTRATION NUMBER: 38,609
REFERENCE/DOCKET NUMBER: 24884-109348-PCT-2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4848
TELEFAX: 202-962-8300
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: YES
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
PCT-US95-03316-23

Query Match 40.0%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 71;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 10 CGTGACAGGAGTCC 25
Db 1 CGTGACAGGAGTCC 16

RESULT 88
PCT-US95-03537-23
Sequence 23, Application PC/TUS9503537
GENERAL INFORMATION:
APPLICANT: Skolnick, Mark H.
APPLICANT: Cannon-Albright, Lisa A.
TITLE OF INVENTION: GEMLINE MUTATIONS IN THE MTS GENE AND
TITLE OF INVENTION: METHOD FOR DETECTING PREDISPOSITION TO CANCER AT THE MTS
TITLE OF INVENTION: GENE
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
STREET: 1201 New York Avenue, Suite 1000
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/03537
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/251,938
FILING DATE: 01-JUN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/215,087
FILING DATE: 18-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/215,086
FILING DATE: 18-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/227,369
FILING DATE: 14-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/214,582
FILING DATE: 18-MAR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Saxe, Stephen A.
REGISTRATION NUMBER: 38,609
REFERENCE/DOCKET NUMBER: 24884-109348-PCT-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4848
TELEFAX: 202-962-8300
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: YES
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
PCT-US95-03537-23
Query Match 40.0%; Score 11.2; DB 1; Length 16;

Best Local Similarity 81.2%; Pred. No. 71;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 10 CGGTACAGGAGTCC 25
|||||
1 CGGTCCAGAGGCC 16

RESULT 89
US-08-474-083-23

; Sequence 23, Application US/08474083
; GENERAL INFORMATION:
; APPLICANT: Skolnick, Mark H.
; APPLICANT: Cannon-Albright, Lisa A.
; TITLE OF INVENTION: GERMLINE MUTATIONS IN THE MTS GENE AND
; TITLE OF INVENTION: METHOD FOR DETECTING PREDISPOSITION TO CANCER AT THE MTS
; TITLE OF INVENTION: GENE
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
; STREET: 1201 New York Avenue, Suite 1000
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/474,083
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/03537
; FILING DATE: 17-MAR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/251,938
; FILING DATE: 01-JUN-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/215,087
; FILING DATE: 18-MAR-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/215,086
; FILING DATE: 18-MAR-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/227,369
; FILING DATE: 14-APR-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/214,582
; FILING DATE: 18-MAR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Ihnen, Jeffrey L.
; REGISTRATION NUMBER: 28,957
; REFERENCE/DOCKET NUMBER: 24884-109348-G
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-962-4810
; TELEFAX: 202-962-8300
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; US-08-474-083-23

Query Match 40.0%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 71;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 10 CGGTACAGGAGTCC 25
|||||
1 CGGTCCAGAGGCC 16

RESULT 90
US-08-479-731-23

; Sequence 23, Application US/08479731
; GENERAL INFORMATION:
; APPLICANT: Kamb, Alexander
; TITLE OF INVENTION: MTS GENE AND THERAPEUTIC USE THEREOF
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
; STREET: 1201 New York Avenue, Suite 1000
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/479,731
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/03316
; FILING DATE: 17-MAR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/251,938
; FILING DATE: 01-JUN-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/215,087
; FILING DATE: 18-MAR-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/215,086
; FILING DATE: 18-MAR-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/227,369
; FILING DATE: 14-APR-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/214,582
; FILING DATE: 18-MAR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Ihnen, Jeffrey L.
; REGISTRATION NUMBER: 28,957
; REFERENCE/DOCKET NUMBER: 24884-109348-F
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-962-4810
; TELEFAX: 202-962-8300
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; US-08-479-731-23

Query Match 40.0%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 71;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 10 CGTGTACAGGAGTCC 25
DB 1 CGTGTCCAGGAAGCCC 16

RESULT 91

US-08-481-063-23
; Sequence 23, Application US/08481063
; GENERAL INFORMATION:
; APPLICANT: Kamb, Alexander
; TITLE OF INVENTION: SOMATIC MUTATIONS IN THE MTS GENE
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
; STREET: 1201 New York Avenue, Suite 1000
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/481,063
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/03316
; FILING DATE: 17-MAR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/251,938
; FILING DATE: 01-JUN-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/215,087
; FILING DATE: 18-MAR-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/215,086
; FILING DATE: 18-MAR-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/227,369
; FILING DATE: 14-APR-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/214,582
; FILING DATE: 18-MAR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Ihnen, Jeffrey L.
; REGISTRATION NUMBER: 28,957
; REFERENCE/DOCKET NUMBER: 24884-109348-D
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-962-4810
; TELEFAX: 202-962-8300
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHEICAL: NO
; ANTI-SENSE: YES
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; US-08-481-063-23

Query Match 40.0%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 71;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 10 CGTGTACAGGAGTCC 25
DB 1 CGTGTCCAGGAAGCCC 16

DB 1 CGTGTCCAGGAAGCCC 16

RESULT 92

US-10-310-188-34900
; Sequence 34900, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICALY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: Patent version 3.1
; SEQ ID NO 34900
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-310-188-34900

Query Match 40.0%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 71;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 13 GTACAGGAGTCCAGG 28
DB 1 GTGAGGTGTGTCAGG 16

RESULT 93

PCT-US02-16840-1766
; Sequence 1766, Application PC/TUS0216840
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to HIV
; FILE REFERENCE: 400/046 (MHB02-326)
; CURRENT APPLICATION NUMBER: PCT/US02/16840
; CURRENT FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; PRIOR APPLICATION NUMBER: US 60/294,140
; PRIOR FILING DATE: 2001-05-29
; NUMBER OF SEQ ID NOS: 6810
; SOFTWARE: Patent version 3.0
; SEQ ID NO 1766
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; PCT-US02-16840-1766

Query Match 40.0%; Score 11.2; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 82;
Matches 12; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 7 CTACGTGTACAGGAG 22
DB 1 CCACGAGUACAGGAG 16

RESULT 94

PCT-US02-16840A-1766
; Sequence 1766, Application PC/TUS0216840A
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to HIV
; FILE REFERENCE: 400/046 (MHB02-326)

```

; CURRENT APPLICATION NUMBER: PCT/US02/16840A
; CURRENT FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; PRIOR APPLICATION NUMBER: US 60/294,140
; PRIOR FILING DATE: 2001-05-29
; NUMBER OF SEQ ID NOS: 6810
; SOFTWARE: Patent version 3.0
; SEQ ID NO 1766
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; PCT-US02-16840A-1766

Query Match
Best Local Similarity 40.0%; Score 11.2; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 82;
Matches 12; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 7 CTACGTGTACAGGAG 22
Db 1 CCACCGUACAGGAG 16

RESULT 95
US-09-546-745A-6677
; Sequence 6677, Application US/09546745A
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Blat, Larry
; APPLICANT: Zwick, Michael
; APPLICANT: Pavco, Pam
; APPLICANT: McGwiggan, Jim
; TITLE OF INVENTION: Regulation of Repressor Genes using Nucleic Acid Molecules
; FILE REFERENCE: 237/193
; CURRENT APPLICATION NUMBER: US/09/546,745A
; CURRENT FILING DATE: 2000-04-11
; NUMBER OF SEQ ID NOS: 7043
; SOFTWARE: Patent version 3.0
; SEQ ID NO 6677
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid

US-09-546-745A-6677

Query Match
Best Local Similarity 40.0%; Score 11.2; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 82;
Matches 10; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 7 CTACGTGTACAGGAG 22
Db 1 CUCACUGUACAGGAG 16

RESULT 96
US-09-818-875-2950/c
; Sequence 2950, Application US/09818875
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
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; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2950
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-818-875-2950

Query Match
Best Local Similarity 40.0%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 82;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 9 ACGTGTACAGGAGTC 24
Db 17 ACTTGTCCAGGAGGC 2

RESULT 97
US-09-818-875-2951
; Sequence 2951, Application US/09818875
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2951
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-818-875-2951

Query Match
Best Local Similarity 40.0%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 82;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 9 ACGTGTACAGGAGTC 24
Db 1 ACTTGTCCAGGAGGC 16

RESULT 98
US-09-922-181A-1343
; Sequence 1343, Application US/09922181A
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Nguyen, Chung-Tung
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: POUR HUMAN ZINC-FINGER-CONTAINING PROTEINS: MD23, MD24, MD27 AN
; FILE REFERENCE: AEOCMICA-12
; CURRENT APPLICATION NUMBER: US/09/922,181A
; CURRENT FILING DATE: 2001-12-12
; NUMBER OF SEQ ID NOS: 7046
; SOFTWARE: AeoMica Sequence Listing Engine
; SEQ ID NO 1343
; LENGTH: 17
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-922-181A-1343

Query Match
Best Local Similarity 40.0%; Score 11.2; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 10 CGGTACAGGAGTCC 25
DB 1 CGGTACAGGAGTCC 16

RESULT 99
US-10-156-306-7026
; Sequence 7026, Application US/10156306
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7026
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-7026

Query Match
Best Local Similarity 40.0%; Score 11.2; DB 1; Length 17;
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 12 TGTACAGGAGTCCAG 27
DB 2 TGTACAGGAGTCCAG 17

RESULT 100
US-10-156-306-7027
; Sequence 7027, Application US/10156306
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7027
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-7027

Query Match
Best Local Similarity 40.0%; Score 11.2; DB 1; Length 17;
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 12 TGTACAGGAGTCCAG 27
DB 1 TGTACAGGAGTCCAG 16

RESULT 101
US-10-209-787-2950/c
; Sequence 2950, Application US/10209787
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2950
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-2950

Query Match
Best Local Similarity 40.0%; Score 11.2; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 9 ACGTGTACAGGAGTCC 24
DB 17 ACTGTGTCCAGGAGGC 2

RESULT 102
US-10-209-787-2951
; Sequence 2951, Application US/10209787
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2951
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-2951

Query Match
Best Local Similarity 40.0%; Score 11.2; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 9 ACGTGTACAGGAGTCC 24
DB 1 ACTGTGTCCAGGAGGC 16
```


RESULT 103
US-10-238-700-3087
; Sequence 3087, Application US/10238700
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MEH01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3087
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-3087

Query Match 40.0%; Score 11.2; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 82;
Matches 12; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 7 CTACGTGTACAGGAG 22
| | | | | | | | | | | | | | | | | | | | | |
Db 1 CCACCAAGUACAGGAG 16

RESULT 104
US-10-261-185-2950/c
; Sequence 2950, Application US/10261185
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Stranded Oligonucleotides
; CURRENT APPLICATION NUMBER: US/10/261,185
; CURRENT FILING DATE: 2002-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/09761
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2950
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-261-185-2950

Query Match 40.0%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 82;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 9 ACGGTACAGGAGTC 24
| | | | | | | | | | | | | | | | | | | | | |
Db 17 ACTGTCCAGGAGGC 2

RESULT 105
US-10-261-185-2951

; Sequence 2951, Application US/10261185
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Stranded Oligonucleotides
; CURRENT APPLICATION NUMBER: US/10/261,185
; CURRENT FILING DATE: 2002-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/09761
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2951
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-261-185-2951

Query Match 40.0%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 82;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 9 ACGGTACAGGAGTC 24
| | | | | | | | | | | | | | | | | | | | | |
Db 1 ACTGTCCAGGAGGC 16

RESULT 106
US-10-310-188-41474
; Sequence 41474, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GE
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 41474
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-41474

Query Match 40.0%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 82;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4 GCCCTACCTGACAG 19
| | | | | | | | | | | | | | | | | | | | | |
Db 2 GCGCTACGATTACAG 17

RESULT 107
US-10-310-188-74621/c
; Sequence 74621, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GR
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188

CURRENT FILING DATE: 2002-12-19
NUMBER OF SEQ ID NOS: 86841
SOFTWARE: PatentIn version 3.1
SEQ ID NO 74621
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-310-188-74621

Query Match 40.0%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 82;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 6 CCTACCTGTACGAGGA 21
DB 16 CCTGCGTGCCAGGGA 1

RESULT 108
US-10-471-271-2304
Sequence 2304, Application US/10471271
GENERAL INFORMATION:
APPLICANT: Blatt, Lawrence
APPLICANT: Chowrira, Bharat
APPLICANT: Haeblerli, Peter
APPLICANT: McSwigen, James
APPLICANT: Foshnagh, Kathy
TITLE OF INVENTION: Modulation of Gene Expression Associated with Inflammation Prolif
FILE REFERENCE: MBHB 02-258-PCT (400/045)
CURRENT APPLICATION NUMBER: US/10/471,271
CURRENT FILING DATE: 2003-09-05
PRIOR APPLICATION NUMBER: 60/181,797
PRIOR FILING DATE: 2000-02-11
PRIOR APPLICATION NUMBER: 09/780,533
PRIOR FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: 09/827,395
PRIOR FILING DATE: 2001-04-05
PRIOR APPLICATION NUMBER: 60/294,412
PRIOR FILING DATE: 2001-05-29
PRIOR APPLICATION NUMBER: 60/315,315
PRIOR FILING DATE: 2001-08-28
NUMBER OF SEQ ID NOS: 13274
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2304
LENGTH: 17
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Enzymatic Nucleic Acid
US-10-471-271-2304

Query Match 40.0%; Score 11.2; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 82;
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 12 TGTACAGGAGTCCAG 27
DB 2 UGCAGAGGAGUACAG 17

RESULT 109
US-10-471-271-2305
Sequence 2305, Application US/10471271
GENERAL INFORMATION:
APPLICANT: Blatt, Lawrence
APPLICANT: Chowrira, Bharat
APPLICANT: Haeblerli, Peter
APPLICANT: McSwigen, James
APPLICANT: Foshnagh, Kathy
TITLE OF INVENTION: Modulation of Gene Expression Associated with Inflammation Prolif
FILE REFERENCE: MBHB 02-258-PCT (400/045)

CURRENT APPLICATION NUMBER: US/10/471,271
CURRENT FILING DATE: 2003-09-05
PRIOR APPLICATION NUMBER: 60/181,797
PRIOR FILING DATE: 2000-02-11
PRIOR APPLICATION NUMBER: 09/780,533
PRIOR FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: 09/827,395
PRIOR FILING DATE: 2001-04-05
PRIOR APPLICATION NUMBER: 60/294,412
PRIOR FILING DATE: 2001-05-29
PRIOR APPLICATION NUMBER: 60/315,315
PRIOR FILING DATE: 2001-08-28
NUMBER OF SEQ ID NOS: 13274
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2305
LENGTH: 17
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Enzymatic Nucleic Acid
US-10-471-271-2305

Query Match 40.0%; Score 11.2; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 82;
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 12 TGTACAGGAGTCCAG 27
DB 1 UGCAGAGGAGUACAG 16

RESULT 110
US-10-605-840-2080/C
Sequence 2080, Application US/10605840
GENERAL INFORMATION:
APPLICANT: ROSETTA GENOMICS LTD
TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VACCINIA REGULATORY
FILE REFERENCE: 55027
CURRENT APPLICATION NUMBER: US/10/605,840
CURRENT FILING DATE: 2003-10-30
NUMBER OF SEQ ID NOS: 3750
SOFTWARE: PatentIn version 3.2
SEQ ID NO 2080
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-605-840-2080

Query Match 40.0%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 82;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 8 TACGTTCACGAGT 23
DB 17 TACAGTACAGTACGT 2

RESULT 111
US-10-623-107-2950/C
Sequence 2950, Application US/10623107
GENERAL INFORMATION:
APPLICANT: KMEC, ERIC B.
TITLE OF INVENTION: TARGETED NUCLEIC ACID SEQUENCE ALTERATION USING PLURAL
FILE REFERENCE: NAFRO-14 US
CURRENT APPLICATION NUMBER: US/10/623,107
CURRENT FILING DATE: 2003-07-18
PRIOR APPLICATION NUMBER: US 60/397,555
PRIOR FILING DATE: 2002-07-19
NUMBER OF SEQ ID NOS: 7046
SOFTWARE: PatentIn ver 3.2
SEQ ID NO 2950

LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-623-107-2950

Query Match 40.0%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 82;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 9 ACGGTACAGGAGTC 24
DB 17 ACTGTCCAGGAGGC 2

RESULT 112
US-10-623-107-2951
Sequence 2951, Application US/10623107
GENERAL INFORMATION:
APPLICANT: KMEC, ERIC B.
TITLE OF INVENTION: TARGETED NUCLEIC ACID SEQUENCE ALTERATION USING PLURAL
FILE REFERENCE: NPRO-14 US
CURRENT APPLICATION NUMBER: US/10/623,107
CURRENT FILING DATE: 2003-07-18
PRIOR APPLICATION NUMBER: US 60/397,555
PRIOR FILING DATE: 2002-07-19
NUMBER OF SEQ ID NOS: 7046
SOFTWARE: PatentIn ver 3.2
SEQ ID NO 2951
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-623-107-2951

Query Match 40.0%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 82;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 9 ACGGTACAGGAGTC 24
DB 1 ACTGTCCAGGAGGC 16

RESULT 113
US-10-681-074-2950/c
Sequence 2950, Application US/10681074
GENERAL INFORMATION:
APPLICANT: KMEC, ERIC B.
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR REDUCING SCREENING IN
FILE REFERENCE: NPRO-18 US
CURRENT APPLICATION NUMBER: US/10/681,074
CURRENT FILING DATE: 2003-10-07
PRIOR APPLICATION NUMBER: US 60/453,360
PRIOR FILING DATE: 2003-03-07
PRIOR APPLICATION NUMBER: US 60/416,983
PRIOR FILING DATE: 2002-10-07
NUMBER OF SEQ ID NOS: 4375
SOFTWARE: PatentIn version 3.2
SEQ ID NO 2950
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-681-074-2950

Query Match 40.0%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 82;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 9 ACGGTACAGGAGTC 24
DB 17 ACTGTCCAGGAGGC 2

RESULT 114
US-10-681-074-2951
Sequence 2951, Application US/10681074
GENERAL INFORMATION:
APPLICANT: KMEC, ERIC B.
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR REDUCING SCREENING IN
FILE REFERENCE: NPRO-18 US
CURRENT APPLICATION NUMBER: US/10/681,074
CURRENT FILING DATE: 2003-10-07
PRIOR APPLICATION NUMBER: US 60/453,360
PRIOR FILING DATE: 2003-03-07
PRIOR APPLICATION NUMBER: US 60/416,983
PRIOR FILING DATE: 2002-10-07
NUMBER OF SEQ ID NOS: 4375
SOFTWARE: PatentIn version 3.2
SEQ ID NO 2951
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-681-074-2951

Query Match 40.0%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 82;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 9 ACGGTACAGGAGTC 24
DB 1 ACTGTCCAGGAGGC 16

RESULT 115
US-10-724-270-1766
Sequence 1766, Application US/10724270
GENERAL INFORMATION:
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Lev
FILE REFERENCE: 400/046-US (MHB02-326-A)
CURRENT APPLICATION NUMBER: US/10/724,270
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: PCT/US02/16840
PRIOR FILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: US 60/318,471
PRIOR FILING DATE: 2001-09-10
PRIOR APPLICATION NUMBER: US 60/296,249
PRIOR FILING DATE: 2001-06-06
PRIOR APPLICATION NUMBER: US 60/294,140
PRIOR FILING DATE: 2001-05-29
PRIOR APPLICATION NUMBER: US 10/238,700
PRIOR FILING DATE: 2002-09-10
PRIOR APPLICATION NUMBER: US 10/163,552
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 10/157,580
PRIOR FILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: US 10/693,059
PRIOR FILING DATE: 2002-10-23
PRIOR APPLICATION NUMBER: US 10/444,853
PRIOR FILING DATE: 2003-05-23
PRIOR APPLICATION NUMBER: US 10/417,012
PRIOR FILING DATE: 2003-04-16
Remaining Prior Application data removed - See File Wrapper or PAM.
NUMBER OF SEQ ID NOS: 6810
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1766
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-724-270-1766

Query Match 40.0%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 75.0%; Pred. No. 82;
 Matches 12; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 7 CTACGTGTACAGGAG 22
 |||||
 DB 1 CCACCAGGACAGGAG 16

RESULT 116
 US-60-339-764-2158/c
 ; Sequence 2158, Application US/60339764
 ; GENERAL INFORMATION:
 ; APPLICANT: Guo, Jinjiao
 ; TITLE OF INVENTION: HUMAN PROSTATE CANCER CANDIDATE PROTEIN 1
 ; FILE REFERENCE: AEOmica-31
 ; CURRENT APPLICATION NUMBER: US/60/339,764
 ; CURRENT FILING DATE: 2001-12-10
 ; NUMBER OF SEQ ID NOS: 3310
 ; SOFTWARE: Aeo mica Sequence Listing Engine
 ; SEQ ID NO 2158
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-60-339-764-2158

Query Match 40.0%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 82;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 13 GTACAGGAGTCCAGG 28
 |||||
 DB 17 GAAAGGAGGTCAAG 2

RESULT 117
 US-60-339-764-2160/c
 ; Sequence 2160, Application US/60339764
 ; GENERAL INFORMATION:
 ; APPLICANT: Guo, Jinjiao
 ; TITLE OF INVENTION: HUMAN PROSTATE CANCER CANDIDATE PROTEIN 1
 ; FILE REFERENCE: AEOmica-31
 ; CURRENT APPLICATION NUMBER: US/60/339,764
 ; CURRENT FILING DATE: 2001-12-10
 ; NUMBER OF SEQ ID NOS: 3310
 ; SOFTWARE: Aeo mica Sequence Listing Engine
 ; SEQ ID NO 2160
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-60-339-764-2160

Query Match 40.0%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 82;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 12 TGTACAGGAGTCCAG 27
 |||||
 DB 16 TGAAGGAGGTCAAG 1

RESULT 118
 US-60-339-764-2303/c
 ; Sequence 2303, Application US/60339764
 ; GENERAL INFORMATION:
 ; APPLICANT: Guo, Jinjiao
 ; TITLE OF INVENTION: HUMAN PROSTATE CANCER CANDIDATE PROTEIN 1
 ; FILE REFERENCE: AEOmica-31
 ; CURRENT APPLICATION NUMBER: US/60/339,764
 ; CURRENT FILING DATE: 2001-12-10
 ; NUMBER OF SEQ ID NOS: 3310
 ; SOFTWARE: Aeo mica Sequence Listing Engine

; SEQ ID NO 2303
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-60-339-764-2303

Query Match 40.0%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 82;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 6 CCTACGTGTACAGGAG 21
 |||||
 DB 17 CCTACGTATTAAGAG 2

RESULT 119
 US-60-339-764-2305/c
 ; Sequence 2305, Application US/60339764
 ; GENERAL INFORMATION:
 ; APPLICANT: Guo, Jinjiao
 ; TITLE OF INVENTION: HUMAN PROSTATE CANCER CANDIDATE PROTEIN 1
 ; FILE REFERENCE: AEOmica-31
 ; CURRENT APPLICATION NUMBER: US/60/339,764
 ; CURRENT FILING DATE: 2001-12-10
 ; NUMBER OF SEQ ID NOS: 3310
 ; SOFTWARE: Aeo mica Sequence Listing Engine
 ; SEQ ID NO 2305
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-60-339-764-2305

Query Match 40.0%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 82;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5 CCCTACGTGTACAGG 20
 |||||
 DB 16 CCTACGTATTAAGAG 1

RESULT 120
 US-10-305-275-941/c
 ; Sequence 941, Application US/10305275
 ; GENERAL INFORMATION:
 ; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
 ; TITLE OF INVENTION: Aeroyrum pernix K1 complete genome.
 ; FILE REFERENCE: Jim Zegeer law Offices - 703-684-8333
 ; CURRENT APPLICATION NUMBER: US/10/305,275
 ; CURRENT FILING DATE: 2002-11-28
 ; NUMBER OF SEQ ID NOS: 1617
 ; SOFTWARE: Proprietary
 ; SEQ ID NO 941
 ; LENGTH: 15
 ; TYPE: DNA
 ; ORGANISM: Aeroyrum pernix K1 complete genome.
 ; FEATURE:
 ; LOCATION: (845005) ... (845019)
 ; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectonObjectNumber = 13
 ; US-10-305-275-941

Query Match 39.3%; Score 11; DB 1; Length 15;
 Best Local Similarity 100.0%; Pred. No. 66;
 Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 18 GGGAGTCCAGG 28
 |||||
 DB 15 GGGAGTCCAGG 5

RESULT 121
 US-10-305-275-942/c
 ; Sequence 942, Application US/10305275

```

; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Aeropyrum pernix K1 complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/305,275
; CURRENT FILING DATE: 2002-11-28
; NUMBER OF SEQ ID NOS: 1617
; SOFTWARE: Proprietary
; SEQ ID NO 942
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Aeropyrum pernix K1 complete genome.
; FEATURE:
; LOCATION: (845005)...(845019)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectonObjectNumber = 1328
US-10-305-275-942

Query Match
Best Local Similarity 39.3%; Score 11; DB 1; Length 15;
Matches 11; Conservativity 100.0%; Pred. No. 66; Mismatches 0; Indels 0; Gaps 0;
Matches 11; Conservativity 0; Mismatches 0; Indels 0; Gaps 0;

QY 18 GGGAGTCCAGG 28
DB 15 GGGAGTCCAGG 5

RESULT 122
US-10-305-275A-941/c
; Sequence 941, Application US/10305275A
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Aeropyrum pernix K1 complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/305,275A
; CURRENT FILING DATE: 2002-11-27
; NUMBER OF SEQ ID NOS: 1617
; SOFTWARE: Proprietary
; SEQ ID NO 941
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Aeropyrum pernix K1 complete genome.
; FEATURE:
; LOCATION: (845005)...(845019)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectonObjectNumber = 1328
US-10-305-275A-941

Query Match
Best Local Similarity 39.3%; Score 11; DB 1; Length 15;
Matches 11; Conservativity 100.0%; Pred. No. 66; Mismatches 0; Indels 0; Gaps 0;
Matches 11; Conservativity 0; Mismatches 0; Indels 0; Gaps 0;

QY 18 GGGAGTCCAGG 28
DB 15 GGGAGTCCAGG 5

RESULT 123
US-10-305-275A-942/c
; Sequence 942, Application US/10305275A
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Aeropyrum pernix K1 complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/305,275A
; CURRENT FILING DATE: 2002-11-27
; NUMBER OF SEQ ID NOS: 1617
; SOFTWARE: Proprietary
; SEQ ID NO 942
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Aeropyrum pernix K1 complete genome.
; FEATURE:
; LOCATION: (845005)...(845019)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectonObjectNumber = 1328

```

```

US-10-305-275A-942

Query Match
Best Local Similarity 39.3%; Score 11; DB 1; Length 15;
Matches 11; Conservativity 100.0%; Pred. No. 66; Mismatches 0; Indels 0; Gaps 0;
Matches 11; Conservativity 0; Mismatches 0; Indels 0; Gaps 0;

QY 18 GGGAGTCCAGG 28
DB 15 GGGAGTCCAGG 5

RESULT 124
US-10-310-188-56454
; Sequence 56454, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GE
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 56454
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-56454

Query Match
Best Local Similarity 39.3%; Score 11; DB 1; Length 16;
Matches 11; Conservativity 100.0%; Pred. No. 76; Mismatches 0; Indels 0; Gaps 0;
Matches 11; Conservativity 0; Mismatches 0; Indels 0; Gaps 0;

QY 12 TGTACAGGAGG 22
DB 6 TGTACAGGAGG 16

RESULT 125
PCT-US01-44838-5/c
; Sequence 5, Application PC/TUS0144838
; GENERAL INFORMATION:
; APPLICANT: Guida, Marco
; TITLE OF INVENTION: Genetic Typing of Human Genes And Related Materials And Methods
; FILE REFERENCE: 4389-23-PCT
; CURRENT APPLICATION NUMBER: PCT/US01/44838
; CURRENT FILING DATE: 2001-11-28
; NUMBER OF SEQ ID NOS: 1449
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
PCT-US01-44838-5

Query Match
Best Local Similarity 38.6%; Score 10.8; DB 1; Length 15;
Matches 12; Conservativity 85.7%; Pred. No. 71; Mismatches 2; Indels 0; Gaps 0;
Matches 12; Conservativity 0; Mismatches 2; Indels 0; Gaps 0;

QY 15 ACAGGGATCCAGG 28
DB 15 ACAGGGATCCAGG 2

RESULT 126
PCT-US02-25943-41393/c
; Sequence 41393, Application PC/TUS0225943
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: PCT/US02/25943

```

;; CURRENT FILING DATE: 2002-08-27
;; NUMBER OF SEQ ID NOS: 64158
;; SOFTWARE: Proprietary
;; SEQ ID NO 41393
;; LENGTH: 15
;; TYPE: DNA
;; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
;; FEATURE:
;; LOCATION: (4017819)...(4017834)
;; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectorObjectNumber = 44331
PCT-US02-25943-41393

Query Match 38.6%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 71;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 13 GTACAGGAGTCCA 26
DB 15 GCACAGGTACTCCA 2

RESULT 127
US-08-774-306-121
; Sequence 121, Application US/08774306
; GENERAL INFORMATION:
; APPLICANT: Diaper, Kenneth G.
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HEPATITIS C
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 497
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/774,306
; FILING DATE: 26-DEC-1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/182,968
; FILING DATE: 13-JANUARY-1994
; APPLICATION NUMBER: 07/882,888
; FILING DATE: 14-MAY-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Walburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 205/277
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 121:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-774-306-121

Query Match 38.6%; Score 10.8; DB 1; Length 15;
Best Local Similarity 71.4%; Pred. No. 71;
Matches 10; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 2 GGGCCCTAGGTGA 15
DB 1 GGGCCCTCCGUGCA 14

RESULT 128
US-09-274-553-678
; Sequence 678, Application US/09274553B
; GENERAL INFORMATION:
; APPLICANT: RIBOZYME PHARMACEUTICALS, INC.
; APPLICANT: 2950 Wilderness Place
; APPLICANT: Boulder, Colorado 80301
; APPLICANT: USA
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS RELATED TO HEPATITIS C
; TITLE OF INVENTION: VIRUS INFECTION
; FILE REFERENCE: 241/078-PCT
; CURRENT APPLICATION NUMBER: US/09/274,553A
; CURRENT FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/274,553
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-25
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3118
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 678
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Hepatitis C Virus
US-09-274-553-678

Query Match 38.6%; Score 10.8; DB 1; Length 15;
Best Local Similarity 71.4%; Pred. No. 71;
Matches 10; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 2 GGGCCCTAGGTGA 15
DB 1 GGGCCCTCCGUGCA 14

RESULT 129
US-09-274-553B-143
; Sequence 143, Application US/09274553B
; GENERAL INFORMATION:
; APPLICANT: Blatc, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Payco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELA
; TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION
; FILE REFERENCE: rpi 247/282
; CURRENT APPLICATION NUMBER: US/09/274,553B
; CURRENT FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3148
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 143
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence

FEATURE: Artificial Sequence
OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-274-553B-143

Query Match 38.6%; Score 10.8; DB 1; Length 15;
 Best Local Similarity 71.4%; Pred. No. 71;
 Matches 10; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

OY 2 GGGCCCTACGTGA 15
 |||||:|:|:
 DB 1 GGGCCCTCCGUGCA 14

RESULT 130
 US-09-274-553C-143
 ; Sequence 143, Application US/09274553C
 ; GENERAL INFORMATION:
 ; APPLICANT: Blatt, Lawrence
 ; APPLICANT: McSwiggen, James
 ; APPLICANT: Roberts, Beth
 ; APPLICANT: Pavco, Pamela
 ; APPLICANT: Macejak, Dennis
 ; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
 ; FILE REFERENCE: rpi 247/282
 ; CURRENT APPLICATION NUMBER: US/09/274,553C
 ; CURRENT FILING DATE: 1999-03-23
 ; PRIOR APPLICATION NUMBER: 09/257,608
 ; PRIOR FILING DATE: 1999-02-24
 ; PRIOR APPLICATION NUMBER: 60/100,842
 ; PRIOR FILING DATE: 1998-09-18
 ; PRIOR APPLICATION NUMBER: 60/083,217
 ; PRIOR FILING DATE: 1998-04-27
 ; NUMBER OF SEQ ID NOS: 3148
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 143
 ; LENGTH: 15
 ; TYPE: RNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
 ; US-09-274-553C-143

Query Match 38.6%; Score 10.8; DB 1; Length 15;
 Best Local Similarity 71.4%; Pred. No. 71;
 Matches 10; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

OY 2 GGGCCCTACGTGA 15
 |||||:|:|:
 DB 1 GGGCCCTCCGUGCA 14

RESULT 131
 US-09-274-553D-143
 ; Sequence 143, Application US/09274553D
 ; GENERAL INFORMATION:
 ; APPLICANT: Blatt, Lawrence
 ; APPLICANT: McSwiggen, James
 ; APPLICANT: Roberts, Beth
 ; APPLICANT: Pavco, Pamela
 ; APPLICANT: Macejak, Dennis
 ; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
 ; FILE REFERENCE: rpi 247/282
 ; CURRENT APPLICATION NUMBER: US/09/274,553D
 ; CURRENT FILING DATE: 1999-03-23
 ; PRIOR APPLICATION NUMBER: 09/257,608
 ; PRIOR FILING DATE: 1999-02-24
 ; PRIOR APPLICATION NUMBER: 60/100,842
 ; PRIOR FILING DATE: 1998-09-18
 ; PRIOR APPLICATION NUMBER: 60/083,217
 ; PRIOR FILING DATE: 1998-04-27
 ; NUMBER OF SEQ ID NOS: 3148
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 143
 ; LENGTH: 15

TYPE: RNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
 US-09-274-553D-143

Query Match 38.6%; Score 10.8; DB 1; Length 15;
 Best Local Similarity 71.4%; Pred. No. 71;
 Matches 10; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

OY 2 GGGCCCTACGTGA 15
 |||||:|:|:
 DB 1 GGGCCCTCCGUGCA 14

RESULT 132
 US-09-274-553E-143
 ; Sequence 143, Application US/09274553E
 ; GENERAL INFORMATION:
 ; APPLICANT: Blatt, Lawrence
 ; APPLICANT: McSwiggen, James
 ; APPLICANT: Roberts, Beth
 ; APPLICANT: Pavco, Pamela
 ; APPLICANT: Macejak, Dennis
 ; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELAT
 ; FILE REFERENCE: rpi 247/282
 ; CURRENT APPLICATION NUMBER: US/09/274,553E
 ; CURRENT FILING DATE: 1999-03-23
 ; PRIOR APPLICATION NUMBER: 09/257,608
 ; PRIOR FILING DATE: 1999-02-24
 ; PRIOR APPLICATION NUMBER: 60/100,842
 ; PRIOR FILING DATE: 1998-09-18
 ; PRIOR APPLICATION NUMBER: 60/083,217
 ; PRIOR FILING DATE: 1998-04-27
 ; NUMBER OF SEQ ID NOS: 3148
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 143
 ; LENGTH: 15
 ; TYPE: RNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
 ; US-09-274-553E-143

Query Match 38.6%; Score 10.8; DB 1; Length 15;
 Best Local Similarity 71.4%; Pred. No. 71;
 Matches 10; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

OY 2 GGGCCCTACGTGA 15
 |||||:|:|:
 DB 1 GGGCCCTCCGUGCA 14

RESULT 133
 US-09-504-231A-143
 ; Sequence 143, Application US/09504231A
 ; GENERAL INFORMATION:
 ; APPLICANT: Blatt, Lawrence
 ; APPLICANT: McSwiggen, James
 ; APPLICANT: Roberts, Beth
 ; APPLICANT: Pavco, Pamela
 ; APPLICANT: Macejak, Dennis
 ; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELAT
 ; FILE REFERENCE: rpi 247/282
 ; CURRENT APPLICATION NUMBER: US/09/504,231A
 ; CURRENT FILING DATE: 2000-02-15
 ; PRIOR APPLICATION NUMBER: 09/274,553
 ; PRIOR FILING DATE: 1999-03-23
 ; PRIOR APPLICATION NUMBER: 09/257,608
 ; PRIOR FILING DATE: 1999-02-24
 ; PRIOR APPLICATION NUMBER: 60/100,842

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; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3242
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 143
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-504-231A-143

Query Match          38.6%; Score 10.8; DB 1; Length 15;
Best Local Similarity 71.4%; Pred. No. 71;
Matches 10; Conservative 2; Mismatches 0; Gaps 0;

QY 2 GGGCCCTACGTGTA 15
   |||||:|:|
Db 1 GGGCCCTCCGUGCA 14

RESULT 134
US-09-504-231B-143
; Sequence 143, Application US/09504231B
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; FILE REFERENCE: HBH00-801-A (247/282)
; CURRENT APPLICATION NUMBER: US/09/504,231B
; PRIOR FILING DATE: 2000-02-15
; PRIOR APPLICATION NUMBER: 09/274,553
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3258
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 143
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-504-231B-143

Query Match          38.6%; Score 10.8; DB 1; Length 15;
Best Local Similarity 71.4%; Pred. No. 71;
Matches 10; Conservative 2; Mismatches 0; Gaps 0;

QY 2 GGGCCCTACGTGTA 15
   |||||:|:|
Db 1 GGGCCCTCCGUGCA 14

RESULT 135
US-09-611-931-143
; Sequence 143, Application US/09611931
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
```

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; TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION
; FILE REFERENCE: TPI 250/285
; CURRENT APPLICATION NUMBER: US/09/611,931
; CURRENT FILING DATE: 2001-04-09
; PRIOR APPLICATION NUMBER: 09/274,553
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3242
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 143
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-611-931-143

Query Match          38.6%; Score 10.8; DB 1; Length 15;
Best Local Similarity 71.4%; Pred. No. 71;
Matches 10; Conservative 2; Mismatches 0; Gaps 0;

QY 2 GGGCCCTACGTGTA 15
   |||||:|:|
Db 1 GGGCCCTCCGUGCA 14

RESULT 136
US-09-611-931A-143
; Sequence 143, Application US/09611931A
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; FILE REFERENCE: HBH00-801-B (250/285)
; CURRENT APPLICATION NUMBER: US/09/611,931A
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 09/274,553
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3242
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 143
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Hepatitis C Virus
US-09-611-931A-143

Query Match          38.6%; Score 10.8; DB 1; Length 15;
Best Local Similarity 71.4%; Pred. No. 71;
Matches 10; Conservative 2; Mismatches 0; Gaps 0;

QY 2 GGGCCCTACGTGTA 15
   |||||:|:|
Db 1 GGGCCCTCCGUGCA 14

RESULT 137
US-09-633-515-121
; Sequence 121, Application US/09633515
```



```
GENERAL INFORMATION:
APPLICANT: Diaper, Kenneth G.
TITLE OF INVENTION: METHOD AND REAGENT FOR
INHIBITING HEPATITIS C
TITLE OF INVENTION: VIRUS REPLICATION
NUMBER OF SEQUENCES: 498
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/633,515
FILING DATE: 2000-08-07
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/064,156
FILING DATE: April 21, 1998
APPLICATION NUMBER: 08/182,968
FILING DATE: January 13, 1994
APPLICATION NUMBER: 07/882,888
FILING DATE: May 14, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 234/083
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 121:
SEQUENCE CHARACTERISTICS:
LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-633-515-121

Query Match          38.6%; Score 10.8; DB 1; Length 15;
Best Local Similarity 71.4%; Pred. No. 71;
Matches 10; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 2 GGGCCCTACGTGA 15
DB 1 GGGCCCTCCGUGCA 14

RESULT 138
US-09-724-389-5/c
Sequence 5, Application US/09724389
GENERAL INFORMATION:
APPLICANT: Guida, Marco
APPLICANT: Hall, Jeff
TITLE OF INVENTION: Genetic Typing of Human Genes And Related Materials And Methods
FILE REFERENCE: 4389-23
CURRENT APPLICATION NUMBER: US/09/724,389
CURRENT FILING DATE: 2000-11-28
NUMBER OF SEQ ID NOS: 1449
SOFTWARE: PatentIn version 3.0
SEQ ID NO 5
LENGTH: 15
TYPE: DNA
ORGANISM: Homo sapiens
US-09-724-389-5
```

```
Query Match          38.6%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 71;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 15 ACAGGAGTCCAGG 28
DB 15 ACAGGATTCAGG 2

RESULT 139
US-10-227-565-41393/c
Sequence 41393, Application US/10227565
GENERAL INFORMATION:
APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
FILE REFERENCE: Jim Zeeger Law Offices - 703-684-8333
CURRENT APPLICATION NUMBER: US/10/227,565
CURRENT FILING DATE: 2002-08-26
NUMBER OF SEQ ID NOS: 64158
SOFTWARE: Proprietary
SEQ ID NO 41393
LENGTH: 15
TYPE: DNA
ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
FEATURE:
LOCATION: (4017819)...(4017834)
OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectionObjectNumber = 443;
US-10-227-565-41393

Query Match          38.6%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 71;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 13 GTCAGGAGTCCA 26
DB 15 GCACAGGTATCCA 2

RESULT 140
US-10-367-832A-41393/c
Sequence 41393, Application US/10367832A
GENERAL INFORMATION:
APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
FILE REFERENCE: Jim Zeeger Law Offices - 703-684-8333
CURRENT APPLICATION NUMBER: US/10/367,832A
CURRENT FILING DATE: 2002-08-26
NUMBER OF SEQ ID NOS: 64158
SOFTWARE: Proprietary
SEQ ID NO 41393
LENGTH: 15
TYPE: DNA
ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
FEATURE:
LOCATION: (4017819)...(4017834)
OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectionObjectNumber = 443;
US-10-367-832A-41393

Query Match          38.6%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 71;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 13 GTACAGGAGTCCA 26
DB 15 GCACAGGTATCCA 2

RESULT 141
US-10-310-188-34441
Sequence 34441, Application US/10310188
GENERAL INFORMATION:
APPLICANT: RosettaGenomics
TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES
```

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; TITLE OF INVENTION: USES THEREOF
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 34441
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-34441

Query Match
Best Local Similarity 38.6%; Score 10.8; DB 1; Length 16;
Pred. No. 82;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 15 ACAGGAGTCCAGG 28
DB 3 ACAGGAGTCCAGG 16

RESULT 142
PCT-US03-10296-20/c
; Sequence 20, Application PC/TUS0310296
; GENERAL INFORMATION:
; APPLICANT: New England Biolabs, Inc.
; TITLE OF INVENTION: Methods And Compositions For DNA Manipulation
; FILE REFERENCE: NEB-203-US
; CURRENT APPLICATION NUMBER: PCT/US03/10296
; CURRENT FILING DATE: 2003-04-04
; PRIOR APPLICATION NUMBER: US 60/372,352
; PRIOR FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 60/372,675
; PRIOR FILING DATE: 2002-04-15
; PRIOR APPLICATION NUMBER: US 60/421,010
; PRIOR FILING DATE: 2002-10-24
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20
; LENGTH: 12
; TYPE: DNA
; ORGANISM: unknown
; FEATURE:
; OTHER INFORMATION: mutated pUC19
PCT-US03-10296-20

Query Match
Best Local Similarity 37.1%; Score 10.4; DB 1; Length 12;
Pred. No. 47;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6 CCTAGGTGTACA 17
DB 12 CCTAGGTGTACA 1

RESULT 143
US-10-407-637-20/c
; Sequence 20, Application US/10407637
; GENERAL INFORMATION:
; APPLICANT: Bittanite, Jurate
; TITLE OF INVENTION: Methods And Compositions For DNA Manipulation
; FILE REFERENCE: NEB-203-US
; CURRENT APPLICATION NUMBER: US/10/407,637
; CURRENT FILING DATE: 2003-04-04
; PRIOR APPLICATION NUMBER: US 60/372,352
; PRIOR FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 60/372,675
; PRIOR FILING DATE: 2002-04-15
; PRIOR APPLICATION NUMBER: US 60/421,010
; PRIOR FILING DATE: 2002-10-24
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20
```

```

; LENGTH: 12
; TYPE: DNA
; ORGANISM: unknown
; FEATURE:
; OTHER INFORMATION: mutated pUC19
US-10-407-637-20

Query Match
Best Local Similarity 37.1%; Score 10.4; DB 1; Length 12;
Pred. No. 47;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6 CCTAGGTGTACA 17
DB 12 CCTAGGTGTACA 1

RESULT 144
PCT-US01-18815-7
; Sequence 7, Application PC/TUS0118815
; GENERAL INFORMATION:
; APPLICANT: Genaisance Pharmaceuticals, Inc.
; APPLICANT: Anastasio, Allison E.
; APPLICANT: Duda, Amy
; APPLICANT: Klem, Stefanie E.
; APPLICANT: Koshy, Beena
; APPLICANT: Sausker, Elizabeth Ann
; TITLE OF INVENTION: Haplotypes of the CFL1 Gene
; FILE REFERENCE: MMH-0706PCT CFL1
; CURRENT APPLICATION NUMBER: PCT/US01/18815
; CURRENT FILING DATE: 2001-06-11
; PRIOR APPLICATION NUMBER: 60/210,884
; PRIOR FILING DATE: 2000-06-09
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 7
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
PCT-US01-18815-7

Query Match
Best Local Similarity 37.1%; Score 10.4; DB 1; Length 15;
Pred. No. 82;
Matches 11; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 5 CCTAGGTGTACG 18
DB 2 CCTAGGTGTACG 15

RESULT 145
PCT-US01-26215-16
; Sequence 16, Application PC/TUS0126215
; GENERAL INFORMATION:
; APPLICANT: Genaisance Pharmaceuticals, Inc.
; APPLICANT: Bielecki, Karyn M
; APPLICANT: Chew, Anne
; APPLICANT: Duda, Amy
; APPLICANT: Finkel, Kevin
; APPLICANT: Han, Jin-Hua
; APPLICANT: Messer, Chad
; APPLICANT: Tirrell, Charles
; TITLE OF INVENTION: HAPLOTYPES OF THE ADH4 GENE
; FILE REFERENCE: ADH4 MMH1088-PCT
; CURRENT APPLICATION NUMBER: PCT/US01/26215
; CURRENT FILING DATE: 2001-08-22
; PRIOR APPLICATION NUMBER: 60/227,816
; PRIOR FILING DATE: 2000-08-25
; NUMBER OF SEQ ID NOS: 106
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 16
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
```

PCT-US01-26215-16

Query Match 37.1%; Score 10.4; DB 1; Length 15;
 Best Local Similarity 78.6%; Pred. No. 82;
 Matches 11; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 14 TACAGGAGTCCAG 27
 |||||
 DB 2 TAAAGGAGACGAG 15

RESULT 146

PCT-US01-26488-60

Sequence 60, Application PC/TUS0126488
 GENERAL INFORMATION:
 APPLICANT: Genaisance Pharmaceuticals, Inc.
 APPLICANT: Anastasio, Allison E
 APPLICANT: Chew, Anne
 APPLICANT: Choi, Julie Y
 APPLICANT: Kazemi, Amir
 APPLICANT: Klem, Stefanie E
 APPLICANT: Koshy, Beena
 APPLICANT: Kumar, Anant Madan
 APPLICANT: Parks, Katie E
 TITLE OF INVENTION: HAPLOTYPES OF THE MTHFR GENE
 FILE REFERENCE: MTHFR MHL077-PCT
 CURRENT APPLICATION NUMBER: PCT/US01/26488
 CURRENT FILING DATE: 2001-08-24
 PRIOR APPLICATION NUMBER: 60/227,757
 PRIOR FILING DATE: 2000-08-24
 NUMBER OF SEQ ID NOS: 116
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO 60
 LENGTH: 15
 TYPE: DNA
 ORGANISM: Homo sapiens
 PCT-US01-26488-60

Query Match 37.1%; Score 10.4; DB 1; Length 15;
 Best Local Similarity 78.6%; Pred. No. 82;
 Matches 11; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 3 GGCCCTACGTGTAC 16
 |||||
 DB 2 GTCCCAACGTGTRC 15

RESULT 147

PCT-US01-47434-7/c

Sequence 7, Application PC/TUS0147434
 GENERAL INFORMATION:
 APPLICANT: Genaisance Pharmaceuticals, Inc.
 APPLICANT: Sanchis, Angela
 APPLICANT: Sausker, Elizabeth Ann
 APPLICANT: Shah, Nisha
 TITLE OF INVENTION: HAPLOTYPES OF THE GPR6 GENE
 FILE REFERENCE: GPR6 MWH-1648PCT
 CURRENT APPLICATION NUMBER: PCT/US01/47434
 CURRENT FILING DATE: 2001-10-22
 PRIOR APPLICATION NUMBER: 60/242,168
 PRIOR FILING DATE: 2000-10-20
 NUMBER OF SEQ ID NOS: 21
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO 7
 LENGTH: 15
 TYPE: DNA
 ORGANISM: Homo Sapiens
 PCT-US01-47434-7

Query Match 37.1%; Score 10.4; DB 1; Length 15;
 Best Local Similarity 91.7%; Pred. No. 82;
 Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 17 AGGAGTCCAG 28
 |||||
 DB 12 AGGAGTCCAG 1

RESULT 148

PCT-US02-25940-18950/c

Sequence 18950, Application PC/TUS0225940
 GENERAL INFORMATION:
 APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
 TITLE OF INVENTION: Deinococcus radiodurans R1 complete genome, plasmid
 FILE REFERENCE: Jim Zeeger Law Offices - 703-684-8333
 CURRENT APPLICATION NUMBER: PCT/US02/25940
 CURRENT FILING DATE: 2002-08-27
 NUMBER OF SEQ ID NOS: 25502
 SOFTWARE: Proprietary
 SEQ ID NO 18950
 LENGTH: 15
 TYPE: DNA
 ORGANISM: Deinococcus radiodurans R1 complete genome, plasmid
 FEATURE: (2303965)...(2303980)
 LOCATION: (2303965)...(2303980)
 OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 2215
 PCT-US02-25940-18950

Query Match 37.1%; Score 10.4; DB 1; Length 15;
 Best Local Similarity 91.7%; Pred. No. 82;
 Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 16 CAGGAGTCCAG 27
 |||||
 DB 13 CAGGAGTCCAG 2

RESULT 149

PCT-US02-25942-4864/c

Sequence 4864, Application PC/TUS0225942
 GENERAL INFORMATION:
 APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
 TITLE OF INVENTION: Sinorhizobium meliloti complete genome, plasmid ps
 FILE REFERENCE: Jim Zeeger Law Offices - 703-684-8333
 CURRENT APPLICATION NUMBER: PCT/US02/25942
 CURRENT FILING DATE: 2002-08-27
 NUMBER OF SEQ ID NOS: 15792
 SOFTWARE: Proprietary
 SEQ ID NO 4864
 LENGTH: 15
 TYPE: DNA
 ORGANISM: Sinorhizobium meliloti complete genome, plasmid ps
 FEATURE: (1267742)...(1267757)
 LOCATION: (1267742)...(1267757)
 OTHER INFORMATION: Chromosome = 2 Strand = positive ConnectronObjectNumber = 50
 PCT-US02-25942-4864

Query Match 37.1%; Score 10.4; DB 1; Length 15;
 Best Local Similarity 91.7%; Pred. No. 82;
 Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 16 CAGGAGTCCAG 27
 |||||
 DB 15 CAGGAGTCCAG 4

RESULT 150

PCT-US02-25942-6581/c

Sequence 6581, Application PC/TUS0225942
 GENERAL INFORMATION:
 APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
 TITLE OF INVENTION: Sinorhizobium meliloti complete genome, plasmid ps
 FILE REFERENCE: Jim Zeeger Law Offices - 703-684-8333
 CURRENT APPLICATION NUMBER: PCT/US02/25942
 CURRENT FILING DATE: 2002-08-27
 NUMBER OF SEQ ID NOS: 15792

```

; SOFTWARE: Proprietary
; SEQ ID NO 6581
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Sinorhizobium meliloti complete genome, plasmid pS
; FEATURE: (3538795)...(3538798)
; LOCATION: (3538795)...(3538798)
; OTHER INFORMATION: Chromosome = 3 Strand = negative ConnectonObjectNumber = 20087
PCT-US02-25942-6581

Query Match
Best Local Similarity 37.1%; Score 10.4; DB 1; Length 15;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 16 CAGGAGTCCAG 27
Db 15 CAGGAGTCCAG 4

RESULT 151
PCT-US02-25943-22682/c
; Sequence 22682, Application PC/TUS0225943
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: PCT/US02/25943
; CURRENT FILING DATE: 2002-08-27
; NUMBER OF SEQ ID NOS: 64158
; SOFTWARE: Proprietary
; SEQ ID NO 22682
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
; FEATURE:
; LOCATION: (2239343)...(2239357)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectonObjectNumber = 24384
PCT-US02-25943-22682

Query Match
Best Local Similarity 37.1%; Score 10.4; DB 1; Length 15;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 16 CAGGAGTCCAG 27
Db 15 CAGGAGTCCAG 4

RESULT 152
PCT-US02-25943-34828/c
; Sequence 34828, Application PC/TUS0225943
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: PCT/US02/25943
; CURRENT FILING DATE: 2002-08-27
; NUMBER OF SEQ ID NOS: 64158
; SOFTWARE: Proprietary
; SEQ ID NO 34828
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
; FEATURE:
; LOCATION: (3391804)...(3391817)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectonObjectNumber = 37319
PCT-US02-25943-34828

Query Match
Best Local Similarity 37.1%; Score 10.4; DB 1; Length 15;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 16 CAGGAGTCCAG 27

```

```

Db 15 CAGGAGTCCAG 4

RESULT 153
PCT-US02-25943-37161/c
; Sequence 37161, Application PC/TUS0225943
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: PCT/US02/25943
; CURRENT FILING DATE: 2002-08-27
; NUMBER OF SEQ ID NOS: 64158
; SOFTWARE: Proprietary
; SEQ ID NO 37161
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
; FEATURE:
; LOCATION: (3645015)...(3645029)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectonObjectNumber = 398
PCT-US02-25943-37161

Query Match
Best Local Similarity 37.1%; Score 10.4; DB 1; Length 15;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 16 CAGGAGTCCAG 27
Db 15 CAGGAGTCCAG 4

RESULT 154
PCT-US02-25943-48484
; Sequence 48484, Application PC/TUS0225943
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: PCT/US02/25943
; CURRENT FILING DATE: 2002-08-27
; NUMBER OF SEQ ID NOS: 64158
; SOFTWARE: Proprietary
; SEQ ID NO 48484
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
; FEATURE:
; LOCATION: (4677818)...(4677832)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectonObjectNumber = 519
PCT-US02-25943-48484

Query Match
Best Local Similarity 37.1%; Score 10.4; DB 1; Length 15;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 16 CAGGAGTCCAG 27
Db 3 CAGGAGTCCAG 14

RESULT 155
PCT-US02-25943-62741
; Sequence 62741, Application PC/TUS0225943
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: PCT/US02/25943
; CURRENT FILING DATE: 2002-08-27
; NUMBER OF SEQ ID NOS: 64158
; SOFTWARE: Proprietary

```

```

; SEQ ID NO 62741
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
; FEATURE:
; LOCATION: (6120631)...(6120645)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectorObjectNumber = 67218
PCT-US02-25943-62741

```

```

Query Match
Best Local Similarity 37.1%; Score 10.4; DB 1; Length 15;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 16 CAGGAGTCCAG 27
DB 3 CAGGAGTCCAG 14

```

```

RESULT 156
US-10-227-563-18950/c
; Sequence 18950, Application US/10227563
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome, Plasmid
; FILE REFERENCE: Jim Zeeger Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/227,563
; CURRENT FILING DATE: 2002-08-26
; NUMBER OF SEQ ID NOS: 25502
; SOFTWARE: Proprietary
; SEQ ID NO 18950
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Deinococcus radiodurans R1 complete genome, Plasmid
; FEATURE:
; LOCATION: (2303965)...(2303980)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectorObjectNumber = 22195
US-10-227-563-18950

```

```

Query Match
Best Local Similarity 37.1%; Score 10.4; DB 1; Length 15;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 16 CAGGAGTCCAG 27
DB 13 CAGGAGTCCAG 2

```

```

RESULT 157
US-10-227-565-22682/c
; Sequence 22682, Application US/10227565
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
; FILE REFERENCE: Jim Zeeger Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/227,565
; CURRENT FILING DATE: 2002-08-26
; NUMBER OF SEQ ID NOS: 64158
; SOFTWARE: Proprietary
; SEQ ID NO 22682
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
; FEATURE:
; LOCATION: (2239343)...(2239357)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectorObjectNumber = 24384
US-10-227-565-22682

```

```

Query Match
Best Local Similarity 37.1%; Score 10.4; DB 1; Length 15;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 16 CAGGAGTCCAG 27
DB 13 CAGGAGTCCAG 2

```

```

DB 15 CAGGAGTCCAG 4

```

```

RESULT 158
US-10-227-565-34828/c
; Sequence 34828, Application US/10227565
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
; FILE REFERENCE: Jim Zeeger Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/227,565
; CURRENT FILING DATE: 2002-08-26
; NUMBER OF SEQ ID NOS: 64158
; SOFTWARE: Proprietary
; SEQ ID NO 34828
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
; FEATURE:
; LOCATION: (3391804)...(3391817)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectorObjectNumber = 3731
US-10-227-565-34828

```

```

Query Match
Best Local Similarity 37.1%; Score 10.4; DB 1; Length 15;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 16 CAGGAGTCCAG 27
DB 15 CAGGAGTCCAG 4

```

```

RESULT 159
US-10-227-565-37161/c
; Sequence 37161, Application US/10227565
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
; FILE REFERENCE: Jim Zeeger Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/227,565
; CURRENT FILING DATE: 2002-08-26
; NUMBER OF SEQ ID NOS: 64158
; SOFTWARE: Proprietary
; SEQ ID NO 37161
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
; FEATURE:
; LOCATION: (3645015)...(3645029)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectorObjectNumber = 398
US-10-227-565-37161

```

```

Query Match
Best Local Similarity 37.1%; Score 10.4; DB 1; Length 15;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 16 CAGGAGTCCAG 27
DB 15 CAGGAGTCCAG 4

```

```

RESULT 160
US-10-227-565-48484
; Sequence 48484, Application US/10227565
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
; FILE REFERENCE: Jim Zeeger Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/227,565
; CURRENT FILING DATE: 2002-08-26
; NUMBER OF SEQ ID NOS: 64158
; SOFTWARE: Proprietary
; SEQ ID NO 48484

```

```

; LENGTH: 15
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
; FEATURE:
; LOCATION: (4677818)...(4677832)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 51923
US-10-227-565-48484

Query Match
Best Local Similarity 37.1%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 82;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 16 CAGGAGTCCAG 27
DB 3 CAGGAGTCCAG 14

RESULT 161
US-10-227-565-62741
; Sequence 62741, Application US/10227565
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/227,565
; CURRENT FILING DATE: 2002-08-26
; NUMBER OF SEQ ID NOS: 64158
; SOFTWARE: Proprietary
; SEQ ID NO 62741
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
; FEATURE:
; LOCATION: (6120631)...(6120645)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 67218
US-10-227-565-62741

Query Match
Best Local Similarity 37.1%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 82;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 16 CAGGAGTCCAG 27
DB 3 CAGGAGTCCAG 14

RESULT 162
US-10-227-567-4864/c
; Sequence 4864, Application US/10227567
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Sinorhizobium meliloti complete genome, plasmid pS
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/227,567
; CURRENT FILING DATE: 2002-08-16
; NUMBER OF SEQ ID NOS: 15792
; SOFTWARE: Proprietary
; SEQ ID NO 4864
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Sinorhizobium meliloti complete genome, plasmid pS
; FEATURE:
; LOCATION: (1267742)...(1267757)
; OTHER INFORMATION: Chromosome = 2 Strand = positive ConnectronObjectNumber = 5075
US-10-227-567-4864

Query Match
Best Local Similarity 37.1%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 82;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 16 CAGGAGTCCAG 27
DB 15 CAGGAGTCCAG 4
```

```

RESULT 163
US-10-227-567-6581/c
; Sequence 6581, Application US/10227567
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Sinorhizobium meliloti complete genome, plasmid pS
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/227,567
; CURRENT FILING DATE: 2002-08-16
; NUMBER OF SEQ ID NOS: 15792
; SOFTWARE: Proprietary
; SEQ ID NO 6581
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Sinorhizobium meliloti complete genome, plasmid pS
; FEATURE:
; LOCATION: (3538785)...(3538798)
; OTHER INFORMATION: Chromosome = 3 Strand = negative ConnectronObjectNumber = 2001
US-10-227-567-6581

Query Match
Best Local Similarity 37.1%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 82;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 16 CAGGAGTCCAG 27
DB 15 CAGGAGTCCAG 4

RESULT 164
US-10-287-787-27958/c
; Sequence 27958, Application US/10287787
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Caulobacter crescentus complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/287,787
; CURRENT FILING DATE: 2003-03-03
; NUMBER OF SEQ ID NOS: 27958
; SOFTWARE: Proprietary
; SEQ ID NO 27958
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Caulobacter crescentus complete genome.
; FEATURE:
; LOCATION: (4016151)...(4016165)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 308
US-10-287-787-27958

Query Match
Best Local Similarity 37.1%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 82;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 16 CAGGAGTCCAG 27
DB 12 CAGGAGTCCAG 1

RESULT 165
US-10-367-729A-4864/c
; Sequence 4864, Application US/10367729A
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Sinorhizobium meliloti complete genome, plasmid pS
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/367,729A
; CURRENT FILING DATE: 2003-02-19
; NUMBER OF SEQ ID NOS: 15792
; SOFTWARE: Proprietary
; SEQ ID NO 4864
; LENGTH: 15
```

```

; TYPE: DNA
; ORGANISM: Sinorhizobium meliloti complete genome, plasmid ps
; FEATURE:
; LOCATION: (1267742)...(1267757)
; OTHER INFORMATION: Chromosome = 2 Strand = positive ConnectorObjectNumber = 5075
US-10-367-729A-4864

Query Match
Best Local Similarity 37.1%; Score 10.4; DB 1; Length 15;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 16 CAGGAGTCCAG 27
Db 15 CAGGAAGTCCAG 4

RESULT 166
US-10-367-729A-6581/c
; Sequence 6581, Application US/10367729A
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Sinorhizobium meliloti complete genome, plasmid ps
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/367,729A
; NUMBER OF SEQ ID NOS: 15792
; SOFTWARE: Proprietary
; SEQ ID NO 6581
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Sinorhizobium meliloti complete genome, plasmid ps
; FEATURE:
; LOCATION: (3538785)...(3538798)
; OTHER INFORMATION: Chromosome = 3 Strand = negative ConnectorObjectNumber = 20087
US-10-367-729A-6581

Query Match
Best Local Similarity 37.1%; Score 10.4; DB 1; Length 15;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 16 CAGGAGTCCAG 27
Db 15 CAGGAAGTCCAG 4

RESULT 167
US-10-367-832A-22682/c
; Sequence 22682, Application US/10367832A
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/367,832A
; NUMBER OF SEQ ID NOS: 64158
; SOFTWARE: Proprietary
; SEQ ID NO 22682
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
; FEATURE:
; LOCATION: (2239343)...(2239357)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectorObjectNumber = 24384
US-10-367-832A-22682

Query Match
Best Local Similarity 37.1%; Score 10.4; DB 1; Length 15;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 16 CAGGAGTCCAG 27
Db 15 CAGGTAGTCCAG 4
```

```

RESULT 168
US-10-367-832A-34828/c
; Sequence 34828, Application US/10367832A
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/367,832A
; NUMBER OF SEQ ID NOS: 64158
; SOFTWARE: Proprietary
; SEQ ID NO 34828
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
; FEATURE:
; LOCATION: (3391804)...(3391817)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectorObjectNumber = 3731
US-10-367-832A-34828

Query Match
Best Local Similarity 37.1%; Score 10.4; DB 1; Length 15;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 16 CAGGAGTCCAG 27
Db 15 CAGGTAGTCCAG 4

RESULT 169
US-10-367-832A-37161/c
; Sequence 37161, Application US/10367832A
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/367,832A
; NUMBER OF SEQ ID NOS: 64158
; SOFTWARE: Proprietary
; SEQ ID NO 37161
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
; FEATURE:
; LOCATION: (3645015)...(3645029)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectorObjectNumber = 3983
US-10-367-832A-37161

Query Match
Best Local Similarity 37.1%; Score 10.4; DB 1; Length 15;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 16 CAGGAGTCCAG 27
Db 15 CAGGTAGTCCAG 4

RESULT 170
US-10-367-832A-48484
; Sequence 48484, Application US/10367832A
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/367,832A
; NUMBER OF SEQ ID NOS: 64158
; SOFTWARE: Proprietary
; SEQ ID NO 48484
; LENGTH: 15
; TYPE: DNA
```

```
ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
FEATURE:
LOCATION: (4677818)...(4677832)
OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectorObjectNumber = 51923
US-10-367-832A-48484
```

```
Query Match
Best Local Similarity 37.1%; Score 10.4; DB 1; Length 15;
Pred. No. 82;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 16 CAGGAGTCCAG 27
Db 3 CAGGAGTCCAG 14
```

```
RESULT 171
US-10-367-832A-62741
Sequence 62741, Application US/10367832A
GENERAL INFORMATION:
APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
CURRENT APPLICATION NUMBER: US/10/367,832A
CURRENT FILING DATE: 2002-08-26
NUMBER OF SEQ ID NOS: 64158
SOFTWARE: Proprietary
SEQ ID NO 62741
LENGTH: 15
TYPE: DNA
ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
FEATURE:
LOCATION: (6120631)...(6120645)
OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectorObjectNumber = 67218
US-10-367-832A-62741
```

```
Query Match
Best Local Similarity 37.1%; Score 10.4; DB 1; Length 15;
Pred. No. 82;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 16 CAGGAGTCCAG 27
Db 3 CAGGAGTCCAG 14
```

```
RESULT 172
US-10-367-892-18950/c
Sequence 18950, Application US/10367892
GENERAL INFORMATION:
APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
TITLE OF INVENTION: Deinococcus radiodurans R1 complete genome, Plasmid
FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
CURRENT APPLICATION NUMBER: US/10/367,892
CURRENT FILING DATE: 2003-03-06
NUMBER OF SEQ ID NOS: 25502
SOFTWARE: Proprietary
SEQ ID NO 18950
LENGTH: 15
TYPE: DNA
ORGANISM: Deinococcus radiodurans R1 complete genome, Plasmid
FEATURE:
LOCATION: (2303965)...(2303980)
OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectorObjectNumber = 22195
US-10-367-892-18950
```

```
Query Match
Best Local Similarity 37.1%; Score 10.4; DB 1; Length 15;
Pred. No. 82;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 16 CAGGAGTCCAG 27
Db 13 CAGGAGTCCAG 2
```

```
RESULT 173
PCT-US02-25943-33165/c
Sequence 33165, Application PC/TUS0225943
GENERAL INFORMATION:
APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
CURRENT APPLICATION NUMBER: PCT/US02/25943
CURRENT FILING DATE: 2002-08-27
NUMBER OF SEQ ID NOS: 64158
SOFTWARE: Proprietary
SEQ ID NO 33165
LENGTH: 16
TYPE: DNA
ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
FEATURE:
LOCATION: (3237918)...(3237933)
OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectorObjectNumber = 355;
PCT-US02-25943-33165
```

```
Query Match
Best Local Similarity 37.1%; Score 10.4; DB 1; Length 16;
Pred. No. 95;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 16 CAGGAGTCCAG 27
Db 16 CAGGAGTCCAG 5
```

```
RESULT 174
PCT-US02-25943-33166
Sequence 33166, Application PC/TUS0225943
GENERAL INFORMATION:
APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
CURRENT APPLICATION NUMBER: PCT/US02/25943
CURRENT FILING DATE: 2002-08-27
NUMBER OF SEQ ID NOS: 64158
SOFTWARE: Proprietary
SEQ ID NO 33166
LENGTH: 16
TYPE: DNA
ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
FEATURE:
LOCATION: (3237919)...(3237934)
OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectorObjectNumber = 355
PCT-US02-25943-33166
```

```
Query Match
Best Local Similarity 37.1%; Score 10.4; DB 1; Length 16;
Pred. No. 95;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 16 CAGGAGTCCAG 27
Db 2 CAGGAGTCCAG 13
```

```
RESULT 175
PCT-US02-25943-34829
Sequence 34829, Application PC/TUS0225943
GENERAL INFORMATION:
APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
CURRENT APPLICATION NUMBER: PCT/US02/25943
CURRENT FILING DATE: 2002-08-27
NUMBER OF SEQ ID NOS: 64158
SOFTWARE: Proprietary
SEQ ID NO 34829
LENGTH: 16
TYPE: DNA
ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
```



```
FEATURE:
; LOCATION: (3391804)...(3391818)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectorObjectNumber = 37320
PCT-US02-25943-34829

Query Match
Best Local Similarity 37.1%; Score 10.4; DB 1; Length 16;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 16 CAGGAGTCCAG 27
DB 2 CAGGTAGTCCAG 13

RESULT 176
US-10-227-565-33165/c
; Sequence 33165, Application US/10227565
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/227,565
; CURRENT FILING DATE: 2002-08-26
; NUMBER OF SEQ ID NOS: 64158
; SOFTWARE: Proprietary
; SEQ ID NO 33165
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
; FEATURE:
; LOCATION: (3337918)...(3337933)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectorObjectNumber = 35549
US-10-227-565-33165

Query Match
Best Local Similarity 37.1%; Score 10.4; DB 1; Length 16;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 16 CAGGAGTCCAG 27
DB 16 CAGGTAGTCCAG 5

RESULT 177
US-10-227-565-33166
; Sequence 33166, Application US/10227565
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/227,565
; CURRENT FILING DATE: 2002-08-26
; NUMBER OF SEQ ID NOS: 64158
; SOFTWARE: Proprietary
; SEQ ID NO 33166
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
; FEATURE:
; LOCATION: (3337919)...(3337934)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectorObjectNumber = 35550
US-10-227-565-33166

Query Match
Best Local Similarity 37.1%; Score 10.4; DB 1; Length 16;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 16 CAGGAGTCCAG 27
DB 2 CAGGTAGTCCAG 13

RESULT 178
```

```
US-10-227-565-34829
; Sequence 34829, Application US/10227565
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/227,565
; CURRENT FILING DATE: 2002-08-26
; NUMBER OF SEQ ID NOS: 64158
; SOFTWARE: Proprietary
; SEQ ID NO 34829
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
; FEATURE:
; LOCATION: (3391804)...(3391818)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectorObjectNumber = 37321
US-10-227-565-34829

Query Match
Best Local Similarity 37.1%; Score 10.4; DB 1; Length 16;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 16 CAGGAGTCCAG 27
DB 2 CAGGTAGTCCAG 13

RESULT 179
US-10-305-274-517
; Sequence 517, Application US/10305274
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Aquifex aeolicus complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/305,274
; CURRENT FILING DATE: 2002-11-27
; NUMBER OF SEQ ID NOS: 1550
; SOFTWARE: Proprietary
; SEQ ID NO 517
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Aquifex aeolicus complete genome.
; FEATURE:
; LOCATION: (532072)...(532087)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectorObjectNumber = 7
US-10-305-274-517

Query Match
Best Local Similarity 37.1%; Score 10.4; DB 1; Length 16;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 10 CGTGTACAGGGA 21
DB 5 CGTTTACAGGGA 16

RESULT 180
US-10-305-274-1406
; Sequence 1406, Application US/10305274
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Aquifex aeolicus complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/305,274
; CURRENT FILING DATE: 2002-11-27
; NUMBER OF SEQ ID NOS: 1550
; SOFTWARE: Proprietary
; SEQ ID NO 1406
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Aquifex aeolicus complete genome.
; FEATURE:
```

```
; LOCATION: (1394218)...(1394232)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectorObjectNumber = 1309
US-10-305-274-1406

Query Match
Best Local Similarity 37.1%; Score 10.4; DB 1; Length 16;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 10 CGGTACAGGGA 21
   ||| ||| ||| |||
Db 5 CGTTACAGGGA 16

RESULT 181
US-10-367-832A-33165/c
; Sequence 33165, Application US/10367832A
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
; FILE REFERENCE: Jim Zeeger Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/367,832A
; CURRENT FILING DATE: 2002-08-26
; NUMBER OF SEQ ID NOS: 64158
; SOFTWARE: Proprietary
; SEQ ID NO 33165
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
; FEATURE:
; LOCATION: (3237918)...(3237933)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectorObjectNumber = 35549
US-10-367-832A-33165

Query Match
Best Local Similarity 37.1%; Score 10.4; DB 1; Length 16;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 16 CAGGAGTCCAG 27
   ||| ||| ||| |||
Db 16 CAGGTAGTCCAG 5

RESULT 182
US-10-367-832A-33166
; Sequence 33166, Application US/10367832A
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
; FILE REFERENCE: Jim Zeeger Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/367,832A
; CURRENT FILING DATE: 2002-08-26
; NUMBER OF SEQ ID NOS: 64158
; SOFTWARE: Proprietary
; SEQ ID NO 33166
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
; FEATURE:
; LOCATION: (3237919)...(3237934)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectorObjectNumber = 35550
US-10-367-832A-33166

Query Match
Best Local Similarity 37.1%; Score 10.4; DB 1; Length 16;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 16 CAGGAGTCCAG 27
   ||| ||| ||| |||
Db 2 CAGGTAGTCCAG 13

RESULT 183
US-10-367-832A-34829
```

```
; Sequence 34829, Application US/10367832A
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
; FILE REFERENCE: Jim Zeeger Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/367,832A
; CURRENT FILING DATE: 2002-08-26
; NUMBER OF SEQ ID NOS: 64158
; SOFTWARE: Proprietary
; SEQ ID NO 34829
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
; FEATURE:
; LOCATION: (3391804)...(3391818)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectorObjectNumber = 373
US-10-367-832A-34829

Query Match
Best Local Similarity 37.1%; Score 10.4; DB 1; Length 16;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 16 CAGGAGTCCAG 27
   ||| ||| ||| |||
Db 2 CAGGTAGTCCAG 13

RESULT 184
PCT-US02-25940-12401
; Sequence 12401, Application PC/TUS0225940
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Deinococcus radiodurans R1 complete genome, Plasmid
; FILE REFERENCE: Jim Zeeger Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: PCT/US02/25940
; CURRENT FILING DATE: 2002-08-27
; NUMBER OF SEQ ID NOS: 25502
; SOFTWARE: Proprietary
; SEQ ID NO 12401
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Deinococcus radiodurans R1 complete genome, Plasmid
; FEATURE:
; LOCATION: (1491220)...(1491234)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectorObjectNumber = 145
PCT-US02-25940-12401

Query Match
Best Local Similarity 36.4%; Score 10.2; DB 1; Length 15;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 11 GTGTACAGGAGTCC 25
   ||| ||| ||| |||
Db 1 GGTGACAGGAGTCC 15

RESULT 185
PCT-US02-25940-14568
; Sequence 14568, Application PC/TUS0225940
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Deinococcus radiodurans R1 complete genome, Plasmid
; FILE REFERENCE: Jim Zeeger Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: PCT/US02/25940
; CURRENT FILING DATE: 2002-08-27
; NUMBER OF SEQ ID NOS: 25502
; SOFTWARE: Proprietary
; SEQ ID NO 14568
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Deinococcus radiodurans R1 complete genome, Plasmid
; FEATURE:
; LOCATION: (1754821)...(1754835)
```

```
OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectorObjectNumber = 17012
PCT-US02-25940-14568

Query Match
Best Local Similarity 36.4%; Score 10.2; DB 1; Length 15;
Matches 12; Conservative 0; Pred. No. 88; Mismatches 3; Indels 0; Gaps 0;

Qy 1 CGGGCCCTACGTGTA 15
Db 1 CGGGCGCGACGTGCA 15

RESULT 186
PCT-US02-25943-6183
Sequence 6183, Application PC/TUS0225943
GENERAL INFORMATION:
APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
CURRENT APPLICATION NUMBER: PCT/US02/25943
CURRENT FILING DATE: 2002-08-27
NUMBER OF SEQ ID NOS: 64158
SOFTWARE: Proprietary
SEQ ID NO 6183
LENGTH: 15
TYPE: DNA
ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
FEATURE:
LOCATION: (542693) ..(542707)
OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectorObjectNumber = 6606
PCT-US02-25943-6183

Query Match
Best Local Similarity 36.4%; Score 10.2; DB 1; Length 15;
Matches 12; Conservative 0; Pred. No. 88; Mismatches 3; Indels 0; Gaps 0;

Qy 14 TACAGGAGTCCAGG 28
Db 1 TGCAGGGCGTGCAGG 15

RESULT 187
PCT-US02-25943-27773
Sequence 27773, Application PC/TUS0225943
GENERAL INFORMATION:
APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
CURRENT APPLICATION NUMBER: PCT/US02/25943
CURRENT FILING DATE: 2002-08-27
NUMBER OF SEQ ID NOS: 64158
SOFTWARE: Proprietary
SEQ ID NO 27773
LENGTH: 15
TYPE: DNA
ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
FEATURE:
LOCATION: (2698124) ..(2698138)
OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectorObjectNumber = 29757
PCT-US02-25943-27773

Query Match
Best Local Similarity 36.4%; Score 10.2; DB 1; Length 15;
Matches 12; Conservative 0; Pred. No. 88; Mismatches 3; Indels 0; Gaps 0;

Qy 12 TGTACAGGAGTCCA 26
Db 1 TGTAGAGGCGTCCA 15

RESULT 188
PCT-US02-25943-31162/c
Sequence 31162, Application PC/TUS0225943
GENERAL INFORMATION:
APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
CURRENT APPLICATION NUMBER: PCT/US02/25943
CURRENT FILING DATE: 2002-08-27
NUMBER OF SEQ ID NOS: 64158
SOFTWARE: Proprietary
SEQ ID NO 31162
LENGTH: 15
TYPE: DNA
ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
FEATURE:
LOCATION: (3030196) ..(3030210)
OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectorObjectNumber = 3336
PCT-US02-25943-31162

Query Match
Best Local Similarity 36.4%; Score 10.2; DB 1; Length 15;
Matches 12; Conservative 0; Pred. No. 88; Mismatches 3; Indels 0; Gaps 0;

Qy 1 CGGGCCCTACGTGTA 15
Db 15 CGGGCGCTTCGTGTA 1

RESULT 189
PCT-US02-25943-31163/c
Sequence 31163, Application PC/TUS0225943
GENERAL INFORMATION:
APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
CURRENT APPLICATION NUMBER: PCT/US02/25943
CURRENT FILING DATE: 2002-08-27
NUMBER OF SEQ ID NOS: 64158
SOFTWARE: Proprietary
SEQ ID NO 31163
LENGTH: 15
TYPE: DNA
ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
FEATURE:
LOCATION: (3030196) ..(3030210)
OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectorObjectNumber = 333
PCT-US02-25943-31163

Query Match
Best Local Similarity 36.4%; Score 10.2; DB 1; Length 15;
Matches 12; Conservative 0; Pred. No. 88; Mismatches 3; Indels 0; Gaps 0;

Qy 1 CGGGCCCTACGTGTA 15
Db 15 CGGGCGCTTCGTGTA 1

RESULT 190
US-09-406-643-897/c
Sequence 897, Application US/09406643
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Ludwig, Brian
APPLICANT: Sprout, Brian
TITLE OF INVENTION: Compositions Having RNA Cleaving Activity
FILE REFERENCE: MBH00-874-A (237/197)
CURRENT APPLICATION NUMBER: US/09/406,643
CURRENT FILING DATE: 1999-09-27
PRIOR APPLICATION NUMBER: US 08/879,078
PRIOR FILING DATE: 1997-06-19
PRIOR APPLICATION NUMBER: US 08/878,640
PRIOR FILING DATE: 1997-06-19
NUMBER OF SEQ ID NOS: 2606
SOFTWARE: PatentIn version 3.0
```

SEQ ID NO 897
LENGTH: 15
TYPE: RNA
ORGANISM: Homo sapiens
US-09-406-643-897

Query Match 36.4%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 88;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 14 TACAGGAGTCCAGG 28
Db 15 TCCTGGAGGCCAGG 1

RESULT 191
US-09-498-824A-897/c
; Sequence 897, Application US/09498824A
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Ludwig, Janos
; APPLICANT: Sproat, Brian
; APPLICANT: Beigelman, Leo
; TITLE OF INVENTION: Compositions Having RNA Cleaving Activity
; FILE REFERENCE: MBH00-874-D (247/280)
; CURRENT APPLICATION NUMBER: US/09/498,824A
; CURRENT FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 09/406,643
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 08/878,640
; PRIOR FILING DATE: 1997-06-19
; PRIOR APPLICATION NUMBER: US 08/879,078
; PRIOR FILING DATE: 1997-06-19
; NUMBER OF SEQ ID NOS: 3516
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 897
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-498-824A-897

Query Match 36.4%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 88;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 14 TACAGGAGTCCAGG 28
Db 15 TCCTGGAGGCCAGG 1

RESULT 192
US-09-611-577-21/c
; Sequence 21, Application US/09611577
; GENERAL INFORMATION:
; APPLICANT: Kazemi, Amir
; APPLICANT: Koshy, Beena
; APPLICANT: Duda, Amy
; APPLICANT: Genaisance Pharmaceuticals
; TITLE OF INVENTION: Drug Target Isoforms: Polymorphisms in the G
; FILE REFERENCE: MWH-567US
; CURRENT APPLICATION NUMBER: US/09/611,577
; CURRENT FILING DATE: 2000-07-05
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 21
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-611-577-21

Query Match 36.4%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 88;

Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3 GCCCTAGCTGACCA 17
Db 15 GCACCAAGCTGTAGA 1

RESULT 193
US-09-879-813-73/c
; Sequence 73, Application US/09879813
; GENERAL INFORMATION:
; APPLICANT: Sale, Julian E.
; APPLICANT: Neuberger, Michael S.
; APPLICANT: Cumbers, Sarah J.
; TITLE OF INVENTION: Method of Generating Diversity
; FILE REFERENCE: 18396/2005
; CURRENT APPLICATION NUMBER: US/09/879,813
; CURRENT FILING DATE: 2001-06-11
; PRIOR APPLICATION NUMBER: 09/828,717
; PRIOR FILING DATE: 2001-06-04
; PRIOR APPLICATION NUMBER: PCT/GB99/03358
; PRIOR FILING DATE: 1999-10-08
; NUMBER OF SEQ ID NOS: 87
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 73
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (7)..(10)
; OTHER INFORMATION: F264
US-09-879-813-73

Query Match 36.4%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 88;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4 GCCCTAGCTGACCA 18
Db 15 GCCCAAGCTGTAGA 1

RESULT 194
US-09-912-673A-55/c
; Sequence 55, Application US/09912673A
; GENERAL INFORMATION:
; APPLICANT: Ye, Bangce
; TITLE OF INVENTION: MEDIUM AND LOW DENSITY GENE CHIPS
; FILE REFERENCE: JNB 100
; CURRENT APPLICATION NUMBER: US/09/912,673A
; CURRENT FILING DATE: 2001-07-23
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 55
; LENGTH: 15
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: P(qs)1 DNA probe
US-09-912-673A-55

Query Match 36.4%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 88;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 10 CGTGTACAGGAGTC 24
Db 15 CTGTTCAGGAGGC 1

RESULT 195

```
US-10-146-505-73/c
; Sequence 73, Application US/10146505
; GENERAL INFORMATION:
; APPLICANT: Sale, Julian E.
; APPLICANT: Neuberger, Michael S.
; TITLE OF INVENTION: Method of Generating Diversity
; FILE REFERENCE: 18396/2005B
; CURRENT APPLICATION NUMBER: US/10/146,505
; CURRENT FILING DATE: 2002-11-18
; PRIOR APPLICATION NUMBER: 09/828,717
; PRIOR FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: 09/879,813
; PRIOR FILING DATE: 2001-06-11
; PRIOR APPLICATION NUMBER: PCT/CB99/03358
; PRIOR FILING DATE: 1999-10-08
; PRIOR APPLICATION NUMBER: GB 9822104.7
; PRIOR FILING DATE: 1998-10-09
; PRIOR APPLICATION NUMBER: GB 9901141.3
; PRIOR FILING DATE: 1999-01-19
; PRIOR APPLICATION NUMBER: GB 9913435.5
; PRIOR FILING DATE: 1999-06-09
; NUMBER OF SEQ ID NOS: 127
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO: 73
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (7)..(10)
; OTHER INFORMATION: F264
; OTHER INFORMATION: The sequence ACA replaces the sequence GAGAG.46bp.CGTC
US-10-146-505-73

Query Match          36.4%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 88;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4  GCCCTACGTGACAG 18
        |||||
Db      15  GCCCATGTGCACAG 1

RESULT 196
US-10-227-563-12401
; Sequence 12401, Application US/10227563
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Deinococcus radiodurans R1 complete genome, Plasmid
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/227,563
; CURRENT FILING DATE: 2002-08-26
; NUMBER OF SEQ ID NOS: 25502
; SOFTWARE: Proprietary
; SEQ ID NO: 12401
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Deinococcus radiodurans R1 complete genome, Plasmid
; FEATURE:
; LOCATION: (1491220)..(1491234)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 14502
US-10-227-563-12401

Query Match          36.4%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 88;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      11  GTGTACAGGAGTCC 25
        |||||
Db      1  GCGTGCAGGCGCTCC 15
```

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RESULT 197
US-10-227-563-14568
; Sequence 14568, Application US/10227563
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Deinococcus radiodurans R1 complete genome, Plasmid
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/227,563
; CURRENT FILING DATE: 2002-08-26
; NUMBER OF SEQ ID NOS: 25502
; SOFTWARE: Proprietary
; SEQ ID NO: 14568
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Deinococcus radiodurans R1 complete genome, Plasmid
; FEATURE:
; LOCATION: (1754821)..(1754835)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 170;
US-10-227-563-14568

Query Match          36.4%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 88;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1  CGAGCCCTACGTGTA 15
        |||||
Db      1  CGGCGCGCGACGTGCA 15

RESULT 198
US-10-227-565-6183
; Sequence 6183, Application US/10227565
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/227,565
; CURRENT FILING DATE: 2002-08-26
; NUMBER OF SEQ ID NOS: 64158
; SOFTWARE: Proprietary
; SEQ ID NO: 6183
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
; FEATURE:
; LOCATION: (542693)..(542707)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 66
US-10-227-565-6183

Query Match          36.4%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 88;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      14  TACAGGAGTCCAGG 28
        |||||
Db      1  TGCAGGCGCTGCAGG 15

RESULT 199
US-10-227-565-27773
; Sequence 27773, Application US/10227565
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/227,565
; CURRENT FILING DATE: 2002-08-26
; NUMBER OF SEQ ID NOS: 64158
; SOFTWARE: Proprietary
; SEQ ID NO: 27773
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
US-10-227-565-27773
```

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FEATURE:
; LOCATION: (2698124)...(2698138)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectorObjectNumber = 29757
US-10-227-565-27773

Query Match
Best Local Similarity 36.4%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 88;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 12 TGTCAGGAGGAGTCCA 26
Db 1 TTGAGAGGCGCTCCA 15

RESULT 200
US-10-227-565-31162/c
; Sequence 31162, Application US/10227565
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/227,565
; CURRENT FILING DATE: 2002-08-26
; NUMBER OF SEQ ID NOS: 64158
; SOFTWARE: Proprietary
; SEQ ID NO 31162
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
; FEATURE:
; LOCATION: (3030196)...(3030210)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectorObjectNumber = 33366
US-10-227-565-31162

Query Match
Best Local Similarity 36.4%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 88;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CGGAGCCCTACGTGTA 15
Db 15 CGGAGCCCTACGTGTA 1

RESULT 201
US-10-227-565-31163/c
; Sequence 31163, Application US/10227565
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/227,565
; CURRENT FILING DATE: 2002-08-26
; NUMBER OF SEQ ID NOS: 64158
; SOFTWARE: Proprietary
; SEQ ID NO 31163
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
; FEATURE:
; LOCATION: (3030196)...(3030210)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectorObjectNumber = 33366
US-10-227-565-31163

Query Match
Best Local Similarity 36.4%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 88;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CGGAGCCCTACGTGTA 15
Db 15 CGGAGCCCTACGTGTA 1

RESULT 202
```

```
US-10-287-787-16396
; Sequence 16396, Application US/10287787
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Caulobacter crescentus complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/287,787
; CURRENT FILING DATE: 2003-03-03
; NUMBER OF SEQ ID NOS: 27958
; SOFTWARE: Proprietary
; SEQ ID NO 16396
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Caulobacter crescentus complete genome.
; FEATURE:
; LOCATION: (2480655)...(2480669)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectorObjectNumber = 181
US-10-287-787-16396

Query Match
Best Local Similarity 36.4%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 88;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 13 GTTACAGGAGGAGTCCAG 27
Db 1 GTTACAGGAGGAGTCCAG 15

RESULT 203
US-10-287-787-16397/c
; Sequence 16397, Application US/10287787
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Caulobacter crescentus complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/287,787
; CURRENT FILING DATE: 2003-03-03
; NUMBER OF SEQ ID NOS: 27958
; SOFTWARE: Proprietary
; SEQ ID NO 16397
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Caulobacter crescentus complete genome.
; FEATURE:
; LOCATION: (2480655)...(2480669)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectorObjectNumber = 181
US-10-287-787-16397

Query Match
Best Local Similarity 36.4%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 88;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 13 GTTACAGGAGGAGTCCAG 27
Db 15 GTTACAGGAGGAGTCCAG 1

RESULT 204
US-10-287-787-25557/c
; Sequence 25557, Application US/10287787
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Caulobacter crescentus complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/287,787
; CURRENT FILING DATE: 2003-03-03
; NUMBER OF SEQ ID NOS: 27958
; SOFTWARE: Proprietary
; SEQ ID NO 25557
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Caulobacter crescentus complete genome.
; FEATURE:
```

```
LOCATION: (3679402)...(3679417)
OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectonObjectNumber = 28230
US-10-287-787-25557

Query Match
Best Local Similarity 36.4%; Score 10.2; DB 1; Length 15;
Pred. No. 88;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 13 GTACAGGAGGAGTCAG 27
DB 15 GTTCAGCGAGGCCAG 1

RESULT 205
US-10-310-188-22102
Sequence 22102, Application US/10310188
GENERAL INFORMATION:
APPLICANT: RosettaGenomics
TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
FILE REFERENCE: 47487
CURRENT APPLICATION NUMBER: US/10/310,188
CURRENT FILING DATE: 2002-12-19
NUMBER OF SEQ ID NOS: 86841
SOFTWARE: PatentIn version 3.1
SEQ ID NO 22102
LENGTH: 15
TYPE: DNA
ORGANISM: Homo sapiens
US-10-310-188-22102

Query Match
Best Local Similarity 36.4%; Score 10.2; DB 1; Length 15;
Pred. No. 88;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 12 TGTACAGGAGGAGTCGA 26
DB 1 TGTCCAGCGGTGTCCA 15

RESULT 206
US-10-310-188-22105
Sequence 22105, Application US/10310188
GENERAL INFORMATION:
APPLICANT: RosettaGenomics
TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
FILE REFERENCE: 47487
CURRENT APPLICATION NUMBER: US/10/310,188
CURRENT FILING DATE: 2002-12-19
NUMBER OF SEQ ID NOS: 86841
SOFTWARE: PatentIn version 3.1
SEQ ID NO 22105
LENGTH: 15
TYPE: DNA
ORGANISM: Homo sapiens
US-10-310-188-22105

Query Match
Best Local Similarity 36.4%; Score 10.2; DB 1; Length 15;
Pred. No. 88;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 12 TGTACAGGAGGAGTCGA 26
DB 1 TGTCCAGCGGTGTCCA 15

RESULT 207
US-10-367-832A-6183
Sequence 6183, Application US/10367832A
GENERAL INFORMATION:
APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
```

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FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
CURRENT APPLICATION NUMBER: US/10/367,832A
CURRENT FILING DATE: 2002-08-26
NUMBER OF SEQ ID NOS: 64158
SOFTWARE: Proprietary
SEQ ID NO 6183
LENGTH: 15
TYPE: DNA
ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
FEATURE:
LOCATION: (542693)...(542707)
OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectonObjectNumber = 660
US-10-367-832A-6183

Query Match
Best Local Similarity 36.4%; Score 10.2; DB 1; Length 15;
Pred. No. 88;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 14 TACAGGAGGAGTCAGG 28
DB 1 TGCAGGCGGTGCGAGG 15

RESULT 208
US-10-367-832A-27773
Sequence 27773, Application US/10367832A
GENERAL INFORMATION:
APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
CURRENT APPLICATION NUMBER: US/10/367,832A
CURRENT FILING DATE: 2002-08-26
NUMBER OF SEQ ID NOS: 64158
SOFTWARE: Proprietary
SEQ ID NO 27773
LENGTH: 15
TYPE: DNA
ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
FEATURE:
LOCATION: (2698124)...(2698138)
OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectonObjectNumber = 297
US-10-367-832A-27773

Query Match
Best Local Similarity 36.4%; Score 10.2; DB 1; Length 15;
Pred. No. 88;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 12 TGTACAGGAGGAGTCGA 26
DB 1 TGTGAAGCGGTCCA 15

RESULT 209
US-10-367-832A-31162/c
Sequence 31162, Application US/10367832A
GENERAL INFORMATION:
APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
CURRENT APPLICATION NUMBER: US/10/367,832A
CURRENT FILING DATE: 2002-08-26
NUMBER OF SEQ ID NOS: 64158
SOFTWARE: Proprietary
SEQ ID NO 31162
LENGTH: 15
TYPE: DNA
ORGANISM: Pseudomonas aeruginosa PA01, complete genome.
FEATURE:
LOCATION: (3030196)...(3030210)
OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectonObjectNumber = 333
US-10-367-832A-31162

Query Match
Best Local Similarity 36.4%; Score 10.2; DB 1; Length 15;
```

Best Local Similarity 80.0%; Pred. No. 88;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1 CGGGCCCTACGTGA 15
15 CGGGCGCTTCGTGA 1

RESULT 210
US-10-367-832A-31163/c
; Sequence 31163, Application US/10367832A

GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.

; TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.

; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333

; CURRENT APPLICATION NUMBER: US/10/367,832A

; CURRENT FILING DATE: 2002-08-26

; NUMBER OF SEQ ID NOS: 64158

; SOFTWARE: Proprietary

; SEQ ID NO 31163

; LENGTH: 15

; TYPE: DNA

; ORGANISM: Pseudomonas aeruginosa PA01, complete genome.

; LOCATION: (3030196)..(3030210)

; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectorObjectNumber = 33365

US-10-367-832A-31163

Query Match 36.4%; Score 10.2; DB 1; Length 15;

Best Local Similarity 80.0%; Pred. No. 88;

Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1 CGGGCCCTACGTGA 15
15 CGGGCGCTTCGTGA 1

Db 15 CGGGCGCTTCGTGA 1

RESULT 211
US-10-367-892-12401

; Sequence 12401, Application US/10367892

GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.

; TITLE OF INVENTION: Deinococcus radiodurans R1 complete genome, Plasmid

; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333

; CURRENT APPLICATION NUMBER: US/10/367,892

; CURRENT FILING DATE: 2003-03-06

; NUMBER OF SEQ ID NOS: 25502

; SOFTWARE: Proprietary

; SEQ ID NO 12401

; LENGTH: 15

; TYPE: DNA

; ORGANISM: Deinococcus radiodurans R1 complete genome, Plasmid

; FEATURE:
; LOCATION: (1491220)..(1491234)

; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectorObjectNumber = 14502

US-10-367-892-12401

Query Match 36.4%; Score 10.2; DB 1; Length 15;

Best Local Similarity 80.0%; Pred. No. 88;

Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 11 GTGTACAGGAGTCC 25
1 GCGTCAAGGCGTCC 15

Db 11 GTGTACAGGAGTCC 25

US-10-367-892-14568

; Sequence 14568, Application US/10367892

GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.

; TITLE OF INVENTION: Deinococcus radiodurans R1 complete genome, Plasmid

; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333

CURRENT APPLICATION NUMBER: US/10/367,892
; CURRENT FILING DATE: 2003-03-06

; NUMBER OF SEQ ID NOS: 25502

; SOFTWARE: Proprietary

; SEQ ID NO 14568

; LENGTH: 15

; TYPE: DNA

; ORGANISM: Deinococcus radiodurans R1 complete genome, Plasmid

; FEATURE:
; LOCATION: (1754821)..(1754835)

; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectorObjectNumber = 170

US-10-367-892-14568

Query Match 36.4%; Score 10.2; DB 1; Length 15;

Best Local Similarity 80.0%; Pred. No. 88;

Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1 CGGGCCCTACGTGA 15
1 CGGGCGCTTCGTGA 15

Db 1 CGGGCGCTTCGTGA 15

RESULT 213
US-10-453-850-897/c

; Sequence 897, Application US/10453850

GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.

; APPLICANT: Ludwig, Brian

; APPLICANT: Sproat, Brian

; APPLICANT: Beigelman, Leonid

; TITLE OF INVENTION: Compositions Having RNA Cleaving Activity

; FILE REFERENCE: MBH800-874-A (237/197)

; CURRENT APPLICATION NUMBER: US/10/453,850

; CURRENT FILING DATE: 2003-06-03

; PRIOR APPLICATION NUMBER: US/09/406,643

; PRIOR FILING DATE: 1999-09-27

; PRIOR APPLICATION NUMBER: US 08/879,078

; PRIOR FILING DATE: 1997-06-19

; PRIOR APPLICATION NUMBER: US 08/878,640

; NUMBER OF SEQ ID NOS: 2606

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 897

; LENGTH: 15

; TYPE: RNA

; ORGANISM: Homo sapiens

US-10-453-850-897

Query Match 36.4%; Score 10.2; DB 1; Length 15;

Best Local Similarity 80.0%; Pred. No. 88;

Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 14 TACAGGAGTCCAGG 28
15 TCCTGGAGGCCAGG 1

Db 14 TACAGGAGTCCAGG 28

US-10-453-850-897

Search completed: April 19, 2004, 15:45:30

Job time : 1 secs

GenCore version 5.1.6
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OW nucleic - nucleic search, using SW model

Run on: April 19, 2004, 15:06:48 ; Search time 0.001 Seconds
(without alignments)
116.984 Million cell updates/sec

Title: US-10-024-396-3-COPY

Perfect score: 28
Sequence: 1 cggggccctacgtgacagggagtcacag 28

Scoring table: IDENTITY NUC
Gapop 10.0, Gapext 0.5

Searched: 180 seqs, 2089 residues

Total number of hits satisfying chosen parameters: 360

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 218 summaries

Database: 1esdb:* *Issued - Patents - NA*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
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2	13.4	47.9	18	1	US-08-633-792A-6
3	13.4	47.9	18	1	US-09-075-717A-6
4	12.4	44.3	19	1	US-08-630-592-18
5	12.4	44.3	19	1	US-08-114-991-18
6	12.4	44.3	19	1	US-09-032-365A-30
7	12.2	43.6	18	1	US-08-117-952-129
8	12.2	43.6	18	1	US-08-970-269A-6
9	12.2	43.6	18	1	US-09-407-562-6
10	11.2	40.0	16	1	US-08-474-177-23
11	11.2	40.0	16	1	US-08-487-033-23
12	11.2	40.0	16	1	US-08-480-810-23
13	11.2	40.0	16	1	US-08-508-735-23
14	11.2	40.0	16	1	US-08-848-251-23
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20	11.2	40.0	16	1	US-09-120-129-23
21	11.2	40.0	16	1	US-09-201-139-23
22	11.2	40.0	16	1	US-09-120-131-23
23	10.8	38.6	15	1	US-08-182-968A-121
24	10.8	38.6	15	1	US-08-774-306A-121
25	10.8	38.6	15	1	US-09-064-156A-121
26	10.8	38.6	15	1	US-09-081-646-637
27	10.4	37.1	15	1	US-09-180-437-185
28	10.4	37.1	15	1	US-08-182-968A-297
29	10.4	37.1	15	1	US-08-319-492B-24
30	10.4	37.1	15	1	US-08-774-306A-297
31	9.8	35.0	14	1	US-09-064-156A-297
32	9.8	35.0	14	1	US-09-698-505A-38
33	9.8	35.0	15	1	US-08-182-968A-115

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35	9.8	35.0	15	1	US-09-064-156A-115	Sequence 115, App
36	9.8	35.0	15	1	US-09-180-437-134	Sequence 134, App
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ALIGNMENTS

RESULT 1
US-08-702-665A-19
Sequence 19, Application US/08702665A
Patent No. 6274708
GENERAL INFORMATION:
APPLICANT: Hilton, Douglas J.
TITLE OF INVENTION: A NOVEL HEMOPOLYMER RECEPTOR
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: SCULLY, SCOTT, MURPHY & PRESSER
STREET: 400 Garden City Plaza
CITY: Garden City
STATE: New York
COUNTRY: United States of America
ZIP: 11530
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/702,665A
FILING DATE: 20-DEC-1996
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Presser, Leopold
REGISTRATION NUMBER: 19,827
REFERENCE/DOCKET NUMBER: 10296
TELECOMMUNICATION INFORMATION:

TELEPHONE: (516) 742-4343
TELEFAX: (516) 742-4366
TELEX: 203 901 SANS UR
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-702-665A-19

Query Match 50.7%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 3.7;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 10 CGGTACAGGAGTCCAGG 28
DB 3 CCTGACTTGAGTCCAGG 21

RESULT 2

US-08-633-792A-6/C
Sequence 6, Application US/08633792A
Patent No. 5837694
GENERAL INFORMATION:
APPLICANT: Barrett, Graham L
TITLE OF INVENTION: A METHOD FOR ENHANCING NEURONE SURVIVAL
TITLE OF INVENTION: AND AGENTS USEFUL FOR SAME
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Scully, Scott, Murphy & Presser
STREET: 400 Garden City Plaza
CITY: Garden City
STATE: New York
COUNTRY: U.S.A.
ZIP: 11530
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentln Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/633,792A
FILING DATE: 01-JUL-1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: AU PM/1870
FILING DATE: 18-OCT-1993
ATTORNEY/AGENT INFORMATION:
NAME: Digigilo, Frank S.
REGISTRATION NUMBER: 31,346
REFERENCE/DOCKET NUMBER: 10062
TELECOMMUNICATION INFORMATION:
TELEPHONE: (516) 742-4343
TELEFAX: (516) 742-4366
TELEX: 230 901 SANS UR
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA oligonucleotide"
US-08-633-792A-6

Query Match 47.9%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 4.5;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 12 TGTACAGGAGTCCA 26
DB 12 TGTACAGGAGTCCA 26

DB 17 TGTACAGGAGTCCA 3

RESULT 3

US-09-075-717A-6/C
Sequence 6, Application US/09075717A
Patent No. 6174869
GENERAL INFORMATION:
APPLICANT: Barrett, Graham L
TITLE OF INVENTION: A METHOD FOR ENHANCING NEURONE SURVIVAL
TITLE OF INVENTION: AND AGENTS USEFUL FOR SAME
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Scully, Scott, Murphy & Presser
STREET: 400 Garden City Plaza
CITY: Garden City
STATE: New York
COUNTRY: U.S.A.
ZIP: 11530
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentln Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/075,717A
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/633,792
FILING DATE: 01-JUL-1996
APPLICATION NUMBER: AU PM/1870
FILING DATE: 18-OCT-1993
ATTORNEY/AGENT INFORMATION:
NAME: Digigilo, Frank S.
REGISTRATION NUMBER: 31,346
REFERENCE/DOCKET NUMBER: 10062
TELECOMMUNICATION INFORMATION:
TELEPHONE: (516) 742-4343
TELEFAX: (516) 742-4366
TELEX: 230 901 SANS UR
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA oligonucleotide"
US-09-075-717A-6

Query Match 47.9%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 4.5;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 12 TGTACAGGAGTCCA 26
DB 17 TGTACAGGAGTCCA 3

RESULT 4

US-08-630-592-18
Sequence 18, Application US/08630592
Patent No. 5770432
GENERAL INFORMATION:
APPLICANT: Nishina, Patsy
APPLICANT: No. 5770432entiauth, Konrad
APPLICANT: Nagert, Juergen
APPLICANT: No. 5770432th, Michael
TITLE OF INVENTION: Obesity Associated Genes
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: FLIER, HOBRACH, TEST, ALBRITTON & HERBERT

STREET: 3400 Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94114187
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/630,592
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Sherwood, Pamela J.
REGISTRATION NUMBER: 36,677
REFERENCE/DOCKET NUMBER: A59504/BIR/PJS
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 7811989
TELEFAX: (415) 3983249
TELEX: 910 277299
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer"
US-08-630-592-18

Query Match 44.3%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 10;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 15 ACAGGAGTCCAGG 28
DB 6 ACAGGAGACACAGG 19

RESULT 5
US-08-714-991-18
Sequence 18, Application US/08714991
Patent No. 5776762
GENERAL INFORMATION:
APPLICANT: NORTH, Michael
APPLICANT: NISHINA, Patsy
APPLICANT: No. 5776762en-Trauth, Konrad
APPLICANT: NAGERT, Juergen
TITLE OF INVENTION: OBESITY ASSOCIATED GENES
NUMBER OF SEQUENCES: 28
CORRESPONDENCE ADDRESS:
ADDRESSEE: FLEHR, HOEBACH, TEST, ALBRITTON & HERBERT
STREET: 4 Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-4187
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/714,991
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: SHERWOOD, Pamela J.
REGISTRATION NUMBER: 36,677
REFERENCE/DOCKET NUMBER: A-59504-1/PJS
TELECOMMUNICATION INFORMATION:

TELEPHONE: 415-494-8700
TELEFAX: 415-494-8771
TELEX: 910 277299
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer"
US-08-714-991-18

Query Match 44.3%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 10;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 15 ACAGGAGTCCAGG 28
DB 6 ACAGGAGACACAGG 19

RESULT 6
US-09-032-365A-30
Sequence 30, Application US/09032365A
Patent No. 6114502
GENERAL INFORMATION:
APPLICANT: No. 6114502th, Michael
APPLICANT: Nishina, Patsy
APPLICANT: Nagert, Juergen
APPLICANT: No. 6114502en-Trauth, Konrad
TITLE OF INVENTION: GENE FAMILY ASSOCIATED WITH
NUMBER OF SEQUENCES: 67
CORRESPONDENCE ADDRESS:
ADDRESSEE: Bozicevic & Reed, LLP
STREET: 285 Hamilton Avenue, Suite 200
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94301
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/032,365A
FILING DATE:
CLASSIFICATION: 536
PRIOR APPLICATION NUMBER:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Sherwood, Pamela J.
REGISTRATION NUMBER: 36,677
REFERENCE/DOCKET NUMBER: SEQ-2CIP2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-327-3400
TELEFAX: 650 327-3231
TELEX:
INFORMATION FOR SEQ ID NO: 30:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-09-032-365A-30

Query Match 44.3%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 10;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 15 ACAGGAGTCCAG 28
| | | | |
Db 6 ACAGGAGATCCAG 19

RESULT 7
US-08-117-952-129/c
; Sequence 129, Application US/08117952
; Patent No. 5851760
; GENERAL INFORMATION:
; APPLICANT: Evans, Glen A.
; APPLICANT: Smith, Michael W.
; TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE
; TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES
; NUMBER OF SEQUENCES: 797
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
; STREET: 444 South Flower Street, Suite 2000
; CITY: Los Angeles
; STATE: CA
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/117,952
; FILING DATE: 07-SEP-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/078,471
; FILING DATE: 15-JUN-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Reiter, Stephen E.
; REGISTRATION NUMBER: 31,192
; REFERENCE/DOCKET NUMBER: P41 9423
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-546-4737
; TELEFAX: 619-546-9392
; INFORMATION FOR SEQ ID NO: 129:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Oligonucleotide
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
US-08-117-952-129

Query Match 43.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 10;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 11 GTGTACAGGAGTCCAG 27
| | | | |
Db 18 GTGTACAGGAGTCCAG 2

RESULT 8
US-08-970-269A-6
; Sequence 6, Application US/08970269A
; Patent No. 5976803
; GENERAL INFORMATION:
; APPLICANT: Kathryn Meek
; TITLE OF INVENTION: Genetic Test For Equine Severe
; TITLE OF INVENTION: Combined Immunodeficiency Disease
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dr. Benjamin A. Adler

STREET: 8011 Candle Lane
CITY: Houston
STATE: Texas
COUNTRY: USA
ZIP: 77071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: Apple
; OPERATING SYSTEM: Macintosh
; SOFTWARE: Microsoft Word for Macintosh
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/970,269A
; FILING DATE: No. 5976803ember 14, 1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Adler Ph.D., Benjamin A.
; REGISTRATION NUMBER: 35,423
; REFERENCE/DOCKET NUMBER: D5860
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 713-777-2321
; TELEFAX: 713-777-6908
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: double stranded
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: no
; HYPOTHEICAL: no
; ANTI-SENSE: no
; ORIGINAL SOURCE:
; FEATURE:
US-08-970-269A-6

Query Match 43.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 10;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 12 TGTACAGGAGTCCAG 28
| | | | |
Db 1 TGTACAGGAGTCCAG 17

RESULT 9
US-09-407-562-6
; Sequence 6, Application US/09407562
; Patent No. 6294334
; GENERAL INFORMATION:
; APPLICANT: Kathryn Meek
; TITLE OF INVENTION: Genetic Test For Equine Severe
; TITLE OF INVENTION: Combined Immunodeficiency Disease
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dr. Benjamin A. Adler
; STREET: 8011 Candle Lane
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: Apple
; OPERATING SYSTEM: Macintosh
; SOFTWARE: Microsoft Word for Macintosh
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/407,562
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/970,269
; FILING DATE: No. 6294334ember 14, 1997
; CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:
NAME: Adler Ph.D., Benjamin A.
REGISTRATION NUMBER: 35,423
REFERENCE/DOCKET NUMBER: D5860
TELECOMMUNICATION INFORMATION:
TELEPHONE: 713-777-2321
TELEFAX: 713-777-6908
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: nucleic acid
STRANDEDNESS: double stranded
TOPOLOGY: linear
MOLECULE TYPE:
DESCRIPTION: other nucleic acid
HYPOTHETICAL: no
ANTI-SENSE: no
ORIGINAL SOURCE:
FEATURE:
US-09-407-562-6

Query Match 43.6%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 10;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 12 TGTACAGGAGATCCAGG 28
DB 1 TCTACAGGAGATTCAGG 17

RESULT 10
US-08-474-177-23
Sequence 23, Application US/08474177
Patent No. 5624819
GENERAL INFORMATION:
APPLICANT: Skolnick, Mark H.
APPLICANT: Cannon-Albright, Lisa A.
TITLE OF INVENTION: GERMLINE MUTATIONS IN THE MTS GENE
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
STREET: 1201 New York Avenue, Suite 1000
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/474,177
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/03537
FILING DATE: 17-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/251,938
FILING DATE: 01-JUN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/215,087
FILING DATE: 18-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/215,086
FILING DATE: 18-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/227,369
FILING DATE: 14-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/214,582

FILING DATE: 18-MAR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Ihnen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 24884-109348-E
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4810
TELEFAX: 202-962-8300
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: YES
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
US-08-474-177-23

Query Match 40.0%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 15;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 10 CGTGACAGGAGATCC 25
DB 1 CGTGCCAGGAGGCC 16

RESULT 11
US-08-487-033-23
Sequence 23, Application US/08487033
Patent No. 5739027
GENERAL INFORMATION:
APPLICANT: Kamb, Alexander
TITLE OF INVENTION: MTS1B1-Beta GENE
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
STREET: 1201 New York Avenue, Suite 1000
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/487,033
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/03316
FILING DATE: 17-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/251,938
FILING DATE: 01-JUN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/215,087
FILING DATE: 18-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/215,086
FILING DATE: 18-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/227,369
FILING DATE: 14-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/214,582
FILING DATE: 18-MAR-1994
ATTORNEY/AGENT INFORMATION:

NAME: Ihnen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 24884-109348-C
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-8300
TELEFAX: 202-962-4810
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: YES
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
US-08-487-033-23

Query Match 40.0%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 15;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 10 CGGTACAGGAGTCC 25
Db 1 CGGTCCAGGAGGCC 16

RESULT 12
US-08-480-810-23
Sequence 23, Application US/08480810
Patent No. 5801236
GENERAL INFORMATION:
APPLICANT: Kamb, Alexander
TITLE OF INVENTION: MTS1 GENE
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
STREET: 1201 New York Avenue, Suite 1000
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480,810
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/03316
FILING DATE: 17-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/251,938
FILING DATE: 01-JUN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/215,087
FILING DATE: 18-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/215,086
FILING DATE: 18-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/227,369
FILING DATE: 14-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/214,582
FILING DATE: 18-MAR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Ihnen, Jeffrey L.
REGISTRATION NUMBER: 28,957

REFERENCE/DOCKET NUMBER: 24884-109348
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4810
TELEFAX: 202-962-8300
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: YES
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
US-08-480-810-23

Query Match 40.0%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 15;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 10 CGGTACAGGAGTCC 25
Db 1 CGGTCCAGGAGGCC 16

RESULT 13
US-08-508-735-23
Sequence 23, Application US/08508735
Patent No. 5843756
GENERAL INFORMATION:
APPLICANT: Stone, Steven
APPLICANT: Jiang, Ping
TITLE OF INVENTION: MTS GENE AND THERAPEUTIC USE THEREOF
NUMBER OF SEQUENCES: 47
CORRESPONDENCE ADDRESS:
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
STREET: 1201 New York Avenue, Suite 1000
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/508,735
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US to be assigned
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/03316
FILING DATE: 17-MAR-1995
ATTORNEY/AGENT INFORMATION:
NAME: Ihnen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 24884-109348
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4848
TELEFAX: 202-962-8300
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO

ANTI-SENSE: YES
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
US-08-508-735-23

Query Match 40.0%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 15;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 10 CGGTACAGGAGGCC 25
DB 1 CGGTCCAGGAGGCC 16

RESULT 14
US-08-48-251-23
Sequence 23, Application US/0848251
Patent No. 5989815
GENERAL INFORMATION:
APPLICANT: Skolnick, Mark H.
APPLICANT: Cannon-Albright, Lisa A.
APPLICANT: Kamb, Alexander
TITLE OF INVENTION: GERMINE MUTATIONS IN THE MTS GENE AND
TITLE OF INVENTION: METHOD FOR DETECTING PREDISPOSITION TO CANCER AT THE MTS
TITLE OF INVENTION: GENE
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
STREET: 1201 New York Avenue, Suite 1000
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/484,251
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/474,083
FILING DATE: 07-JUN-1995
APPLICATION NUMBER: PCT/US95/03537
FILING DATE: 17-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/251,938
FILING DATE: 01-JUN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/215,087
FILING DATE: 18-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/215,086
FILING DATE: 18-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/227,369
FILING DATE: 14-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/214,582
FILING DATE: 18-MAR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Innen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 24884-109348-G
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4810
TELEFAX: 202-962-8300
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid

STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: YES
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
US-08-48-251-23

Query Match 40.0%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 15;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 10 CGGTACAGGAGGCC 25
DB 1 CGGTCCAGGAGGCC 16

RESULT 15
US-08-486-047-23
Sequence 23, Application US/08486047
Patent No. 5994095
GENERAL INFORMATION:
APPLICANT: Kamb, Alexander
APPLICANT: MTS2 GENE
TITLE OF INVENTION: MTS2 GENE
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
STREET: 1201 New York Avenue, Suite 1000
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/486,047
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/03316
FILING DATE: 17-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/251,938
FILING DATE: 01-JUN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/215,087
FILING DATE: 18-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/215,086
FILING DATE: 18-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/227,369
FILING DATE: 14-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/214,582
FILING DATE: 18-MAR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Innen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 24884-109348-B
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4810
TELEFAX: 202-962-8300
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: YES
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
US-08-486-047-23

Query Match 40.0%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 15;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 10 CGTGTACAGGAGTCC 25
|||||
Db 1 CGTGTCCAGGAAGCCC 16

RESULT 16
US-09-120-130-23
Sequence 23, Application US/09120130
Patent No. 6037462
GENERAL INFORMATION:
APPLICANT: Kamb, Alexander
TITLE OF INVENTION: MTS1 GENE
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
STREET: 1201 New York Avenue, Suite 1000
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/120,130
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/480,810
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/251,938
FILING DATE: 01-JUN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/215,087
FILING DATE: 18-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/215,086
FILING DATE: 18-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/227,369
FILING DATE: 14-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/214,582
FILING DATE: 18-MAR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Ihnen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 24884-109348
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-8300
TELEFAX: 202-962-8310
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO

ANTI-SENSE: YES
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
US-09-120-130-23

Query Match 40.0%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 15;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 10 CGTGTACAGGAGTCC 25
|||||
Db 1 CGTGTCCAGGAAGCCC 16

RESULT 17
US-09-115-252-23
Sequence 23, Application US/09115252
Patent No. 6060301
GENERAL INFORMATION:
APPLICANT: Kamb, Alexander
TITLE OF INVENTION: MTS1 GENE
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
STREET: 1201 New York Avenue, Suite 1000
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/115,252
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/480,810
FILING DATE: 07-JUN-1995
APPLICATION NUMBER: PCT/US95/03316
FILING DATE: 17-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/251,938
FILING DATE: 01-JUN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/215,087
FILING DATE: 18-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/215,086
FILING DATE: 18-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/227,369
FILING DATE: 14-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/214,582
FILING DATE: 18-MAR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Ihnen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 24884-109348
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-8300
TELEFAX: 202-962-8310
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO

ANTI-SENSE: YES
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
US-09-115-252-23

Query Match 40.0%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 15;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 10 CGGTACAGGAGTCC 25
DB 1 CGGTCCAGGAGGCC 16

RESULT 18
US-08-986-515-23
Sequence 23, Application US/08986515
Patent No. 6090578
GENERAL INFORMATION:
APPLICANT: Kamb, Alexander
TITLE OF INVENTION: MTS1 GENE
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
STREET: 1201 New York Avenue, Suite 1000
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/986,515
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/480,810
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/251,938
FILING DATE: 01-JUN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/215,087
FILING DATE: 18-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/215,086
FILING DATE: 18-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/227,369
FILING DATE: 14-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/214,582
FILING DATE: 18-MAR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Ihnen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 24884-109348
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4810
TELEFAX: 202-962-8300
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: YES
ORIGINAL SOURCE:

ORGANISM: Homo sapiens
US-08-986-515-23

Query Match 40.0%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 15;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 10 CGGTACAGGAGTCC 25
DB 1 CGGTCCAGGAGGCC 16

RESULT 19
US-09-120-128-23
Sequence 23, Application US/09120128
Patent No. 614073
GENERAL INFORMATION:
APPLICANT: Kamb, Alexander
TITLE OF INVENTION: MTS2 GENE
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
STREET: 1201 New York Avenue, Suite 1000
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/120,128
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/486,047
FILING DATE: 07-JUN-1995
APPLICATION NUMBER: PCT/US95/03316
FILING DATE: 17-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/251,938
FILING DATE: 01-JUN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/215,087
FILING DATE: 18-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/215,086
FILING DATE: 18-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/227,369
FILING DATE: 14-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/214,582
FILING DATE: 18-MAR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Ihnen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 24884-109348-B
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4810
TELEFAX: 202-962-8300
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: YES
ORIGINAL SOURCE:

ORGANISM: Homo sapiens
US-09-120-129-23
Query Match 40.0%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 15;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 10 CGGTACAGGAGTCC 25
Db 1 CGGTCCAGGAAGCCC 16

RESULT 20
US-09-120-129-23
Sequence 23, Application US/09120129
Patent No. 6180776
GENERAL INFORMATION:
APPLICANT: Kamb, Alexander
TITLE OF INVENTION: MTS2 GENE
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
STREET: 1201 New York Avenue, Suite 1000
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/120,129
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/486,047
FILING DATE: 07-JUN-1995
APPLICATION NUMBER: PCT/US95/03316
FILING DATE: 17-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/251,938
FILING DATE: 01-JUN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/215,087
FILING DATE: 18-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/215,086
FILING DATE: 18-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/227,369
FILING DATE: 14-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/214,582
FILING DATE: 18-MAR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Ihnen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 24884-109348-B
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4810
TELEFAX: 202-962-8300
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: YES
ORIGINAL SOURCE:

ORGANISM: Homo sapiens
US-09-120-129-23
Query Match 40.0%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 15;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 10 CGGTACAGGAGTCC 25
Db 1 CGGTCCAGGAAGCCC 16

RESULT 21
US-09-201-139-23
Sequence 23, Application US/09201139
Patent No. 6210949
GENERAL INFORMATION:
APPLICANT: Stone, Steven
APPLICANT: Jiang, Ping
APPLICANT: Kamb, Alexander
TITLE OF INVENTION: MTS GENE AND THERAPEUTIC USE THEREOF
NUMBER OF SEQUENCES: 47
CORRESPONDENCE ADDRESS:
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
STREET: 1201 New York Avenue, Suite 1000
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/201,139
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/508,735
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/03316
FILING DATE: 17-MAR-1995
ATTORNEY/AGENT INFORMATION:
NAME: Ihnen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 24884-109348
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4848
TELEFAX: 202-962-8300
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: YES
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
US-09-201-139-23
Query Match 40.0%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 15;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 10 CGGTACAGGAGTCC 25
Db 1 CGGTCCAGGAAGCCC 16

RESULT 22
US-09-120-131-23
Sequence 23, Application US/09120131
Patent No. 6218146
GENERAL INFORMATION:
APPLICANT: Kamb, Alexander
TITLE OF INVENTION: MTS2 GENE
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
STREET: 1201 New York Avenue, Suite 1000
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/120,131
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/486,047
FILING DATE: 07-JUN-1995
APPLICATION NUMBER: PCT/US95/03316
FILING DATE: 17-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/251,938
FILING DATE: 01-JUN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/215,087
FILING DATE: 18-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/215,086
FILING DATE: 18-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/227,369
FILING DATE: 14-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/214,582
FILING DATE: 18-MAR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Ihnen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 24884-109348-B
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4810
TELEFAX: 202-962-8300
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: YES
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
US-09-120-131-23

Query Match 40.0%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 15;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 10 CGGTACAGGAGTCC 25
|||||
1 CGGTCCAGGAGGCC 16

Db

RESULT 23
US-08-182-968A-121
Sequence 121, Application US/08182968A
Patent No. 5610054
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
TITLE OF INVENTION: METHOD AND REAGENT FOR
INHIBITING HEPATITIS C
NUMBER OF SEQUENCES: 497
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/182,968A
FILING DATE: 13-JANUARY-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/882,888
FILING DATE: 14-MAY-1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 205/277
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
INFORMATION FOR SEQ ID NO: 121:
SEQUENCE CHARACTERISTICS:
LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-182-968A-121

Query Match 38.6%; Score 10.8; DB 1; Length 15;
Best Local Similarity 71.4%; Pred. No. 17;
Matches 10; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 2 GGGCCCTACGTGA 15
|||||
Db 1 GGGCCCTCCGUGCA 14

RESULT 24
US-08-774-306A-121
Sequence 121, Application US/08774306A
Patent No. 586253
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
TITLE OF INVENTION: METHOD AND REAGENT FOR
INHIBITING HEPATITIS C
NUMBER OF SEQUENCES: 497
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

```

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/774,306A
FILING DATE: December 26, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/182,968
FILING DATE: January 13, 1994
APPLICATION NUMBER: 07/882,888
FILING DATE: May 14, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 222/227
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 121:
SEQUENCE CHARACTERISTICS:
LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-774-306A-121

Query Match      38.6%; Score 10.8; DB 1; Length 15;
Best Local Similarity 71.4%; Pred. No. 17;
Matches 10; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY      2  GGGCCCTACGTGA 15
DB      1  GGGCCCTCCGUGCA 14

RESULT 25
US-09-064-156A-121
Sequence 121, Application US/09064156A
Patent No. 6132966
GENERAL INFORMATION:
APPLICANT: Diaper, Kenneth G.
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: INHIBITING HEPATITIS C
TITLE OF INVENTION: VIRUS REPLICATION
NUMBER OF SEQUENCES: 498
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/064,156A
FILING DATE: April 21, 1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/774,306
FILING DATE: December 26, 1996
APPLICATION NUMBER: 08/182,968
FILING DATE: January 13, 1994
APPLICATION NUMBER: 07/882,888
FILING DATE: May 14, 1992

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ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 234/083
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 121:
SEQUENCE CHARACTERISTICS:
LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-064-156A-121

Query Match      38.6%; Score 10.8; DB 1; Length 15;
Best Local Similarity 71.4%; Pred. No. 17;
Matches 10; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY      2  GGGCCCTACGTGA 15
DB      1  GGGCCCTCCGUGCA 14

RESULT 26
US-09-081-646-637/C
Sequence 637, Application US/09081646
Patent No. 6333152
GENERAL INFORMATION:
APPLICANT: Kinzler, Kenneth
APPLICANT: Vogelstein, Bert
APPLICANT: Zhang, Lin
APPLICANT: Zhou, Wei
TITLE OF INVENTION: Gene Expression Profiles in No. 6333152nml and
FILE REFERENCE: 01107,74664
CURRENT APPLICATION NUMBER: US/09/081,646
CURRENT FILING DATE: 1998-05-20
EARLIER APPLICATION NUMBER: 60/047,352
EARLIER FILING DATE: 1997-05-21
NUMBER OF SEQ ID NOS: 871
SOFTWARE: FaetsSeq for Windows Version 3.0
SEQ ID NO 637
LENGTH: 15
TYPE: DNA
ORGANISM: Homo sapiens
US-09-081-646-637

Query Match      38.6%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 17;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      15  ACAGGAGTCCAGG 28
DB      14  ACAGAGATCCATG 1

RESULT 27
US-09-180-437-185
Sequence 185, Application US/09180437
Patent No. 6251873
GENERAL INFORMATION:
APPLICANT: FUKUSAKO, Shioji
APPLICANT: MORISAWA, Yoshihumi
APPLICANT: KUSTUYA, Takeshi
TITLE OF INVENTION: Antisense Compounds to CD14
FILE REFERENCE: 1110-209P
CURRENT APPLICATION NUMBER: US/09/180,437
CURRENT FILING DATE: 1998-11-06
EARLIER APPLICATION NUMBER: PCT/JP98/00953
EARLIER FILING DATE: 1998-03-09
EARLIER APPLICATION NUMBER: 09-053518 JAPAN

```

EARLIER FILING DATE: 1997-03-07
NUMBER OF SEQ ID NOS: 289
SOFTWARE: Patentln Ver. 2.0
SEQ ID NO 185
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: other nucleic
US-09-180-437-185

Query Match 37.1%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 23;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 17 AGGAGTCCAGG 28
DB 4 AGGAGTCCAGG 15

RESULT 28

US-08-182-968A-297
Sequence 297 Application US/08182968A

PATENT No. 5610054
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: INHIBITING HEPATITIS C
TITLE OF INVENTION: VIRUS REPLICATION
NUMBER OF SEQUENCES: 497
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/182,968A
FILING DATE: 13-JANUARY-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/882,888
FILING DATE: 14-MAY-1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 205/277
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 297:
SEQUENCE CHARACTERISTICS:
LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-182-968A-297

Query Match 35.7%; Score 10; DB 1; Length 15;
Best Local Similarity 90.0%; Pred. No. 29;
Matches 9; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 19 GGAGTCCAGG 28
||||:|||||

DB 3 GGAGTCCAGG 12

RESULT 29

US-08-319-492B-24
Sequence 24 Application US/08319492B

PATENT No. 5616488
GENERAL INFORMATION:
APPLICANT: Sullivan, Sean M.
APPLICANT: Draper, Kenneth G.
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF IL-5
NUMBER OF SEQUENCES: 751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/319,492B
FILING DATE: October 7, 1994
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/276
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-319-492B-24

Query Match 35.7%; Score 10; DB 1; Length 15;
Best Local Similarity 70.0%; Pred. No. 29;
Matches 7; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 6 CCTAGCTGTA 15
DB 5 CCTAGCTGTA 14

RESULT 30

US-08-774-306A-297
Sequence 297 Application US/08774306A

PATENT No. 5869253
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: INHIBITING HEPATITIS C

```

/ TITLE OF INVENTION: VIRUS REPLICATION
/ NUMBER OF SEQUENCES: 497
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066

/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1

/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/774,306A
/ FILING DATE: December 26, 1996
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/182,968
/ FILING DATE: January 13, 1994
/ APPLICATION NUMBER: 07/882,888
/ FILING DATE: May 14, 1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 223/227
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 297:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 15
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-774-306A-297

Query Match      35.7%; Score 10; DB 1; Length 15;
Best Local Similarity 90.0%; Pred. No. 29;
Matches 9; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      19 GGAGTCCAGG 28
DB      3 GGAGTCCAGG 12

RESULT 31
US-09-064-156A-297
/ Sequence 297, Application US/09064156A
/ Patent No. 6132966
/ GENERAL INFORMATION:
/ APPLICANT: Draper, Kenneth G.
/ TITLE OF INVENTION: METHOD AND REAGENT FOR
/ TITLE OF INVENTION: INHIBITING HEPATITIS C
/ TITLE OF INVENTION: VIRUS REPLICATION
/ NUMBER OF SEQUENCES: 498
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066

/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1

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/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/064,156A
/ FILING DATE: April 21, 1998
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/774,306
/ FILING DATE: December 26, 1996
/ APPLICATION NUMBER: 08/182,968
/ FILING DATE: January 13, 1994
/ APPLICATION NUMBER: 07/882,888
/ FILING DATE: May 14, 1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 234/083
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 297:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 15
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-09-064-156A-297

Query Match      35.7%; Score 10; DB 1; Length 15;
Best Local Similarity 90.0%; Pred. No. 29;
Matches 9; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      19 GGAGTCCAGG 28
DB      3 GGAGTCCAGG 12

RESULT 32
US-09-698-505A-38/C
/ Sequence 38, Application US/09698505A
/ Patent No. 6479242
/ GENERAL INFORMATION:
/ APPLICANT: Guo, Baochuan
/ TITLE OF INVENTION: A No. 6479242 Method for Genotyping of Single Nucleotide Polymorphisms
/ FILE REFERENCE: 27433/04001
/ CURRENT APPLICATION NUMBER: US/09/698,505A
/ CURRENT FILING DATE: 2001-02-06
/ NUMBER OF SEQ ID NOS: 47
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 38
/ LENGTH: 14
/ TYPE: DNA
/ ORGANISM: A Homozygote
/ US-09-698-505A-38

Query Match      35.0%; Score 9.8; DB 1; Length 14;
Best Local Similarity 84.6%; Pred. No. 29;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      12 TGTAAGGAGATC 24
DB      14 TGGAAGGAGATC 2

RESULT 33
US-08-182-968A-115
/ Sequence 115, Application US/08182968A
/ Patent No. 5610054
/ GENERAL INFORMATION:
/ APPLICANT: Draper, Kenneth G.
/ TITLE OF INVENTION: METHOD AND REAGENT FOR
/ TITLE OF INVENTION: INHIBITING HEPATITIS C
/ TITLE OF INVENTION: VIRUS REPLICATION
/ NUMBER OF SEQUENCES: 497
/ CORRESPONDENCE ADDRESS:

```

ADDRESS: Lyon & Lyon
STREET: 633 West Fifth Street
SUITE: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/182,968A
FILING DATE: 13-JANUARY-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/882,888
FILING DATE: 14-MAY-1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 205/277
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 115:
SEQUENCE CHARACTERISTICS:
LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-182-968A-115

Query Match 35.0%; Score 9.8; DB 1; Length 15;
Best Local Similarity 61.5%; Pred. No. 33;
Matches 8; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 3 GGCCCTACGTGA 15
DB 2 GCCCUCAGUUA 14

RESULT 34
US-08-774-306A-115
Sequence 115, Application US/08774306A
Patent No. 5869253
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: INHIBITING HEPATITIS C
TITLE OF INVENTION: VIRUS REPLICATION
NUMBER OF SEQUENCES: 497
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
SUITE: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/774,306A
FILING DATE: December 26, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/182,968

FILING DATE: January 13, 1994
APPLICATION NUMBER: 07/882,888
FILING DATE: May 14, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 223/227
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 115:
SEQUENCE CHARACTERISTICS:
LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-774-306A-115

Query Match 35.0%; Score 9.8; DB 1; Length 15;
Best Local Similarity 61.5%; Pred. No. 33;
Matches 8; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 3 GGCCCTACGTGA 15
DB 2 GCCCUCAGUUA 14

RESULT 35
US-09-064-156A-115
Sequence 115, Application US/09064156A
Patent No. 6132966
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: INHIBITING HEPATITIS C
TITLE OF INVENTION: VIRUS REPLICATION
NUMBER OF SEQUENCES: 498
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
SUITE: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/064,156A
FILING DATE: April 21, 1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/774,306
FILING DATE: December 26, 1996
APPLICATION NUMBER: 08/182,968
FILING DATE: January 13, 1994
APPLICATION NUMBER: 07/882,888
FILING DATE: May 14, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 234/083
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 115:
SEQUENCE CHARACTERISTICS:
LENGTH: 15

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-064-156A-115

Query Match 35.0%; Score 9.8; DB 1; Length 15;
Best Local Similarity 61.5%; Pred. No. 33;
Matches 8; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 3 GGCCCTACGTGTA 15
| | | | | : |
Db 2 GGCCCUACGUATA 14

RESULT 36
US-09-180-437-134/c
; Sequence 134, Application US/09180437
; Patent No. 6251873

GENERAL INFORMATION:
APPLICANT: FUKUSAKO, Shioji
APPLICANT: MORISAWA, Yoshifumi
APPLICANT: KUSUYAMA, Takeshi
TITLE OF INVENTION: Antisense Compounds to CD14
FILE REFERENCE: 1110-209P
CURRENT APPLICATION NUMBER: US/09/180,437
EARLIER FILING DATE: 1998-11-06
EARLIER APPLICATION NUMBER: PCT/JP98/00953
EARLIER FILING DATE: 1998-03-09
EARLIER APPLICATION NUMBER: 09-053518 JAPAN
EARLIER FILING DATE: 1997-03-07
NUMBER OF SEQ ID NOS: 289
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 134
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: other nucleic
US-09-180-437-134

Query Match 35.0%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 33;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2 GGCCCTACGTGT 14
| | | | | | |
Db 13 GGCCCTGGCGTGT 1

RESULT 37
PCT-US93-02612-2/c
; Sequence 2, Application PC/TUS9302612
; GENERAL INFORMATION:

APPLICANT: Cable, Michael
APPLICANT: Hesson, Thomas
APPLICANT: Mannarino, Anthony
TITLE OF INVENTION: Monomeric Platelet-Derived Growth Factor and Prevention of
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Schering-Plough Corporation
STREET: One Giralda Farms
CITY: Madison
STATE: New Jersey
COUNTRY: USA
ZIP: 07940
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Apple Macintosh
OPERATING SYSTEM: Macintosh 6.0.5
SOFTWARE: Microsoft Word 4.00B
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/02612

FILING DATE: 19930326
CLASSIFICATION:
PRIOR APPLICATION DATA: None
ATTORNEY/AGENT INFORMATION:
NAME: Lunn, Paul, G.
REGISTRATION NUMBER: 32,743
REFERENCE/DOCKET NUMBER: JB0255
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-822-7255
TELEFAX: 201-822-7039
TELEX: 219165
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
PCT-US93-02612-2

Query Match 35.0%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 33;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 16 CAGGAGTCCAGG 28
| | | | | | |
Db 15 CAGGAGACCCAGG 3

RESULT 38
US-09-203-231B-67
; Sequence 67, Application US/09203231B
; Patent No. 6355423

GENERAL INFORMATION:
APPLICANT: Rotberg, Jonathan M
APPLICANT: Nallur, Girish N
APPLICANT: Hu, Xinghua
TITLE OF INVENTION: Methods and Devices for Measuring
FILE REFERENCE: 7934-052
CURRENT APPLICATION NUMBER: US/09/203,231B
EARLIER FILING DATE: 1998-12-02
PRIOR APPLICATION NUMBER: 60/105,305
PRIOR FILING DATE: 1997-12-03
NUMBER OF SEQ ID NOS: 88
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 67
LENGTH: 12
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
US-09-203-231B-67

Query Match 33.6%; Score 9.4; DB 1; Length 12;
Best Local Similarity 90.9%; Pred. No. 27;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6 CCTACTGTAC 16
| | | | | | |
Db 2 CCTACTGTAC 12

RESULT 39
5174962-2

; Patent No. 5174962
; APPLICANT: BRENNAN, THOMAS M.
; TITLE OF INVENTION: APPARATUS FOR DETERMINING DNA SEQUENCES
; BY MASS SPECTROMETRY
; NUMBER OF SEQUENCES: 2
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/459,728
; FILING DATE: 20-JUN-1989
; PRIOR APPLICATION DATA:

APPLICATION NUMBER: 209,247
FILING DATE: 20-JUN-1988
SEQ ID NO: 2
LENGTH: 12
5174962-2

Query Match 33.6%; Score 9.4; DB 1; Length 12;
Best Local Similarity 90.9%; Pred. No. 27;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 9 ACCTGACAG 19
1 ACCTGACAG 11

RESULT 40
5174962-2/c
PATENT NO. 5174962
APPLICANT: BRENNAN, THOMAS M.
TITLE OF INVENTION: APPARATUS FOR DETERMINING DNA SEQUENCES
BY MASS SPECTROMETRY
NUMBER OF SEQUENCES: 2
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/459,728
FILING DATE: 20-JUN-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 209,247
FILING DATE: 20-JUN-1988
SEQ ID NO: 2
LENGTH: 12
5174962-2

Query Match 33.6%; Score 9.4; DB 1; Length 12;
Best Local Similarity 90.9%; Pred. No. 27;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 9 ACCTGACAG 19
12 ACCTGACAG 2

RESULT 41
US-08-623-891-20/c
Sequence 20, Application US/08623891
PATENT NO. 5795778
GENERAL INFORMATION:
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: METHOD AND REAGENT FOR
INHIBITING HERPES SIMPLEX
TITLE OF INVENTION: VIRUS REPLICATION
NUMBER OF SEQUENCES: 115
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 611 West Sixth Street
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90017
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
SOFTWARE: WordPerfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/623,891
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/238,200
FILING DATE: US/07/987,133
APPLICATION NUMBER: US/07/987,133
FILING DATE:
APPLICATION NUMBER: 07/882,921

FILING DATE: May 14, 1992
APPLICATION NUMBER: 07/948,359
FILING DATE: September 18, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 200/209
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 14
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-623-891-20

Query Match 32.9%; Score 9.2; DB 1; Length 14;
Best Local Similarity 78.6%; Pred. No. 42;
Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 10 CGTGACAGGAGT 23
14 CGTGACAGGAGT 1

RESULT 42
US-09-340-861-20/c
Sequence 20, Application US/09340861
PATENT NO. 6432704
GENERAL INFORMATION:
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: METHOD AND REAGENT FOR
INHIBITING HERPES SIMPLEX
TITLE OF INVENTION: VIRUS REPLICATION
NUMBER OF SEQUENCES: 115
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 611 West Sixth Street
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90017
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
SOFTWARE: WordPerfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/340,861
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/987,133
FILING DATE:
APPLICATION NUMBER: 07/882,921
FILING DATE: May 14, 1992
APPLICATION NUMBER: 07/948,359
FILING DATE: September 18, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 200/209
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 14
TYPE: nucleic acid

STRANDEDNESS: single
TOPOLOGY: linear
US-09-340-861-20

Query Match 32.9%; Score 9.2; DB 1; Length 14;
Best Local Similarity 78.6%; Pred. No. 42;
Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 10 CGGTACAGGAGT 23
Db 14 CGGTACAGGAGT 1

RESULT 43
US-09-634-262-20/c
Sequence 20, Application US/09634262
Patent No. 6440719
GENERAL INFORMATION:
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: INHIBITING HERPES SIMPLEX
TITLE OF INVENTION: VIRUS REPLICATION
NUMBER OF SEQUENCES: 115
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 611 West Sixth Street
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90017
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
SOFTWARE: WordPerfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/634,262
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/987,133
FILING DATE:
APPLICATION NUMBER: 07/882,921
FILING DATE: May 14, 1992
APPLICATION NUMBER: 07/948,359
FILING DATE: September 18, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Marburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 200/209
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 673510
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 14
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-634-262-20

Query Match 32.9%; Score 9.2; DB 1; Length 14;
Best Local Similarity 78.6%; Pred. No. 42;
Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 10 CGGTACAGGAGT 23
Db 14 CGGTACAGGAGT 1

RESULT 44
US-08-494-301A-6/c

Sequence 6, Application US/08494301A
Patent No. 5856461
GENERAL INFORMATION:
APPLICANT: Colote, Soudhik
APPLICANT: Pirotsky, Eduardo
TITLE OF INVENTION: Oligonucleotides to inhibit the
TITLE OF INVENTION: Expression of Isoprenyl Protein Transferases
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lucas & Just
STREET: 205 E. 42nd Street
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10017
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch,
MEDIUM TYPE: 1.44 MB storage
COMPUTER: IBM 486 Compatible
OPERATING SYSTEM: MS-DOS 5.0
SOFTWARE: WordPerfect 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/494,301A
FILING DATE: 23-JUNE-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9413035.8
FILING DATE: 29-JUNE-1994
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 12 base pairs
TYPE: nucleotide
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: Yes
US-08-494-301A-6

Query Match 32.1%; Score 9; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 35;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 13 GTACAGGGA 21
Db 12 GTACAGGGA 4

RESULT 45
US-09-203-231B-67/c
Sequence 67, Application US/09203231B
Patent No. 6355423
GENERAL INFORMATION:
APPLICANT: Rotberg, Jonathan M
APPLICANT: Nallur, Girish N
TITLE OF INVENTION: Methods and Devices for Measuring
TITLE OF INVENTION: Differential Gene Expression
FILE REFERENCE: 7934-052
CURRENT APPLICATION NUMBER: US/09/203,231B
CURRENT FILING DATE: 1998-12-02
PRIOR APPLICATION NUMBER: 60/105,305
PRIOR FILING DATE: 1997-12-03
NUMBER OF SEQ ID NOS: 88
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 67
LENGTH: 12
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
US-09-203-231B-67

Query Match 31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 40;

Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 13 GTACAGGAGTC 24
DB 12 GTACAGGTAGGC 1

RESULT 46

US-09-281-418-211/c
; Sequence 211, Application US/09281418
; Patent No. 6287769
; GENERAL INFORMATION:
; APPLICANT: Inoue, Takakazu
; TITLE OF INVENTION: Method of Amplifying DNA Fragment, Apparatus for Amplifying DNA F
; TITLE OF INVENTION: Method of Assaying Microorganisms, Method of Analyzing M
; FILE REFERENCE: 9982-7
; CURRENT APPLICATION NUMBER: US/09/281,418
; PRIOR FILING DATE: 1999-03-30
; EARLIER APPLICATION NUMBER: JP/1998/87651
; EARLIER FILING DATE: 1998-03-31
; EARLIER APPLICATION NUMBER: JP/1999/69694
; EARLIER FILING DATE: 1999-03-16
; NUMBER OF SEQ ID NOS: 216
; SEQ ID NO 211
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-281-418-211

Query Match

Best Local Similarity 31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 40;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 CCTACGTGAC 16
DB 12 CCTACGTGAC 1

RESULT 47

US-09-014-304-3
; Sequence 3, Application US/09014304
; Patent No. 6063573
; GENERAL INFORMATION:
; APPLICANT: Kayem, Jon Faiz
; TITLE OF INVENTION: Cycling Probe Technology Using Electron Transfer
; TITLE OF INVENTION: Detection
; FILE REFERENCE: A65687/RT/RMS/RMK
; CURRENT APPLICATION NUMBER: US/09/014,304
; CURRENT FILING DATE: 1998-01-27
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 3
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-09-014-304-3

Query Match

Best Local Similarity 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 47;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 9 ACGTGACGGG 20
DB 1 ACGTGACATGG 12

RESULT 48
US-09-874-601-30

; Sequence 30, Application US/09874601

; Patent No. 6632057
; GENERAL INFORMATION:
; APPLICANT: LEWIN, ALFRED S.
; APPLICANT: SHAW, LYNN C.
; APPLICANT: GRANT, MARIA B.
; TITLE OF INVENTION: ADENO-ASSOCIATED VIRUS-DELIVERED RIBOZYME COMPOSITIONS AND METH
; TITLE OF INVENTION: THE TREATMENT OF RETINAL DISEASES
; FILE REFERENCE: 4300.014100
; CURRENT APPLICATION NUMBER: US/09/874,601
; PRIOR FILING DATE: 2001-05-01
; PRIOR APPLICATION NUMBER: 09/063,667
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/046,147
; PRIOR FILING DATE: 1997-05-09
; PRIOR APPLICATION NUMBER: 60/044,492
; PRIOR FILING DATE: 1997-04-21
; NUMBER OF SEQ ID NOS: 182
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 30
; LENGTH: 13
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: ()
; OTHER INFORMATION: SYNTHETIC OLIGONUCLEOTIDE
US-09-874-601-30

Query Match

Best Local Similarity 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 66.7%; Pred. No. 47;
Matches 8; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1 CAGGCCCTACGT 12
DB 1 CAGGCCCTACGT 12

RESULT 49

US-08-192-942-7/c
; Sequence 7, Application US/08192942
; Patent No. 5989906
; GENERAL INFORMATION:
; APPLICANT: JAMES D. THOMPSON
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING P-GLYCOPROTEIN mdr-
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Lyon & Lyon
; STREET: 611 West Sixth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90017
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB storage
; COMPUTER: IBM COMPATIBLE
; OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
; SOFTWARE: Wordperfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/192,942
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/882,885
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 197/173
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 10
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-192-942-7

Query Match 30.0%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 35;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 18 GGAGCTCCAG 27
|||
Db 10 GGAGCTCCAG 1

RESULT 50
US-08-777-266A-85/c
Sequence 85, Application US/08777266A
Patent No. 6077833
GENERAL INFORMATION:

APPLICANT: Clarence Frank Bennett
APPLICANT: Timothy A. Vickers
TITLE OF INVENTION: Oligonucleotide Compositions and
METHODS FOR THE MODULATION OF THE EXPRESSION OF B7 PROTEINS
NUMBER OF SEQUENCES: 125
CORRESPONDENCE ADDRESS:

ADDRESSER: Law Offices of Jane Massey Licata
STREET: 210 Lake Drive East, Suite 201
CITY: Cherry Hill
STATE: NJ
COUNTRY: USA

ZIP: 08002
COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE

COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/777,266A

FILING DATE: December 31, 1996
CLASSIFICATION: 536

PRIOR APPLICATION DATA:
APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata

REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0201

TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400

TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 85:

SEQUENCE CHARACTERISTICS:
LENGTH: 10

TYPE: Nucleic Acid
STRANDEDNESS: Single

TOPOLOGY: Linear
ANTI-SENSE: Yes

US-08-777-266A-85

Query Match 30.0%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 35;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 13 GTACAGGAG 22
|||
Db 10 GTACAGGAG 1

RESULT 51
US-09-326-186B-85/c
Sequence 85, Application US/09326186B
Patent No. 6319906
GENERAL INFORMATION:
APPLICANT: Bennett, Clarence Frank
APPLICANT: Vickers, Timothy A.
TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the
MODULATION OF THE EXPRESSION OF B7 PROTEIN
FILE REFERENCE: ISPH-0376
CURRENT APPLICATION NUMBER: US/09/326,186B
PRIOR APPLICATION NUMBER: 08/777,266
PRIOR FILING DATE: 1996-12-31
NUMBER OF SEQ ID NOS: 226
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 85
LENGTH: 10
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-09-326-186B-85

Query Match 30.0%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 35;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 13 GTACAGGAG 22
|||
Db 10 GTACAGGAG 1

RESULT 52
US-09-769-482-14

Sequence 14, Application US/09769482
Patent No. 6566130

GENERAL INFORMATION:

APPLICANT: SRIVASTAVA, SHIV
APPLICANT: MOUL, JUDD W.

APPLICANT: XU, LINDA L.
APPLICANT: SEGAWA, TAKEHIKO

TITLE OF INVENTION: PROSTATE-SPECIFIC ANDROGEN-SIGNALING-ASSOCIATED
FILE REFERENCE: 04995.0057-00000

CURRENT APPLICATION NUMBER: US/09/769,482
CURRENT FILING DATE: 2001-01-26

PRIOR APPLICATION NUMBER: 60/178,772
PRIOR FILING DATE: 2000-01-28

PRIOR APPLICATION NUMBER: 60/179,045
PRIOR FILING DATE: 2000-01-31

NUMBER OF SEQ ID NOS: 67
SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 14
LENGTH: 10

TYPE: DNA
ORGANISM: Artificial Sequence

FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic

US-09-769-482-14

Query Match 30.0%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 35;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 13 GTACAGGAG 22
|||
Db 1 GTACAGGAG 10

RESULT 53
US-08-777-266A-86/c

```
; Sequence 86, Application US/08777266A
; Patent No. 6077833
; GENERAL INFORMATION:
; APPLICANT: Clarence Frank Bennett
; APPLICANT: Timothy A. Vickers
; TITLE OF INVENTION: Oligonucleotide Compositions and
; TITLE OF INVENTION: Methods for the Modulation of the Expression of B7 Proteins
; NUMBER OF SEQUENCES: 125
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 210 Lake Drive East, Suite 201
; CITY: Cherry Hill
; STATE: NJ
; COUNTRY: USA
; ZIP: 08002
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/777,266A
; FILING DATE: December 31, 1996
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0201
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 86:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 11
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-08-777-266A-86

Query Match          30.0%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 43;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      13 GTACGGGAG 22
DB      11 GTACGGGAG 2

RESULT 54
US-09-326-186B-86/c
; Sequence 86, Application US/09326186B
; Patent No. 6319906
; GENERAL INFORMATION:
; APPLICANT: Bennett, Clarence Frank
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the
; TITLE OF INVENTION: Modulation of the Expression of B7 Protein
; FILE REFERENCE: ISPH-0376
; CURRENT APPLICATION NUMBER: US/09/326,186B
; CURRENT FILING DATE: 1999-06-04
; PRIOR APPLICATION NUMBER: 08/777,266
; PRIOR FILING DATE: 1996-12-31
; NUMBER OF SEQ ID NOS: 226
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
; SEQ ID NO 86
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

```
; OTHER INFORMATION: Synthetic
US-09-326-186B-86

Query Match          30.0%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 43;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      13 GTACGGGAG 22
DB      11 GTACGGGAG 2

RESULT 55
US-09-249-155A-45/c
; Sequence 45, Application US/09249155A
; Patent No. 6538173
; GENERAL INFORMATION:
; APPLICANT: Heber-Katz, Ellen
; TITLE OF INVENTION: Compositions and Methods for Wound
; TITLE OF INVENTION: Healing
; FILE REFERENCE: 00486.78503
; CURRENT APPLICATION NUMBER: US/09/249,155A
; CURRENT FILING DATE: 1999-02-12
; PRIOR APPLICATION NUMBER: US 60/074,737
; PRIOR FILING DATE: 1998-02-13
; PRIOR APPLICATION NUMBER: US 60/097,937
; PRIOR FILING DATE: 1998-08-26
; PRIOR APPLICATION NUMBER: US 60/102,051
; PRIOR FILING DATE: 1998-09-28
; NUMBER OF SEQ ID NOS: 346
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 45
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Mus musculus
; US-09-249-155A-45

Query Match          30.0%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 43;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      12 TGTACGGGA 21
DB      10 TGTACGGGA 1

RESULT 56
US-08-623-891-39
; Sequence 39, Application US/08623891
; Patent No. 5795778
; GENERAL INFORMATION:
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HERPES SIMPLEX
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 115
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 611 West Sixth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90017
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/623,891
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
```

APPLICATION NUMBER: US/08/238,200
FILING DATE: US/07/987,133
APPLICATION NUMBER: 07/882,921
FILING DATE: May 14, 1992
APPLICATION NUMBER: 07/948,359
FILING DATE: September 18, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 200/209
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 955-0440
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 39:
SEQUENCE CHARACTERISTICS:
LENGTH: 12
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-623-891-39

Query Match 30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 70.0%; Pred. No. 51;
Matches 7; Conservative 2; Mismatches 1; Indels 0; Gaps 0;
QY 5 CCTACGTGT 14
Db 1 CCGGAGGUGU 10

RESULT 57
US-08-494-301A-28/c
Sequence 28, Application US/08494301A
Patent No. 5856461
GENERAL INFORMATION:
APPLICANT: Colote, Soudhir
APPLICANT: Piotzky, Eduardo
TITLE OF INVENTION: Oligonucleotides to inhibit the
TITLE OF INVENTION: Expression of Isoprenyl Protein Transferases
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lucas & Just
STREET: 205 E. 42nd Street
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10017
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch,
MEDIUM TYPE: 1.44 MB storage
COMPUTER: IBM 486 Compatible
OPERATING SYSTEM: MS-DOS 5.0
SOFTWARE: Wordperfect 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/494,301A
CLASSIFICATION: 514
FILING DATE: 23-JUNE-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9413035.8
FILING DATE: 29-JUNE-1994
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 12 base pairs
TYPE: nucleotide
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: Yes
US-08-494-301A-28

Query Match 30.0%; Score 8.4; DB 1; Length 12;

Best Local Similarity 90.0%; Pred. No. 51;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 9 ACGGTACAG 18
Db 11 ACGGTACAG 2

RESULT 58
US-08-777-266A-87/c
Sequence 87, Application US/08777266A
Patent No. 607833
GENERAL INFORMATION:
APPLICANT: Clarence Frank Bennett
APPLICANT: Timothy A. Vickers
TITLE OF INVENTION: Oligonucleotide Compositions and
TITLE OF INVENTION: Methods for the Modulation of the Expression of B7 Proteins
NUMBER OF SEQUENCES: 125
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 210 Lake Drive East, Suite 201
CITY: Cherry Hill
STATE: NJ
COUNTRY: USA
ZIP: 08002
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/777,266A
FILING DATE: December 31, 1996
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0201
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 87:
SEQUENCE CHARACTERISTICS:
LENGTH: 12
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-777-266A-87

Query Match 30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 51;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 13 GTACGGGAG 22
Db 12 GTACGGGAG 3

RESULT 59
US-09-281-418-107/c
Sequence 107, Application US/09281418
Patent No. 6287769
GENERAL INFORMATION:
APPLICANT: Inoue, Takakazu
TITLE OF INVENTION: Method of Amplifying DNA Fragment, Apparatus for Amplifying DNA
TITLE OF INVENTION: Method of Assaying Microorganisms, Method of Analyzing
TITLE OF INVENTION: Nisms and Method of Assaying Contaminant
FILE REFERENCE: 9982-7
CURRENT APPLICATION NUMBER: US/09/281,418

;; CURRENT FILING DATE: 1999-03-30
;; EARLIER APPLICATION NUMBER: JP/1998/87651
;; EARLIER FILING DATE: 1998-03-31
;; EARLIER APPLICATION NUMBER: JP/1999/69694
;; EARLIER FILING DATE: 1999-03-16
;; NUMBER OF SEQ ID NOS: 216
;; SEQ ID NO 107
;; LENGTH: 12
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Primer
US-09-281-418-107

Query Match 30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 51;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7 CTACGTGTAC 16
|||
Db 12 CTCGTGTAC 3

RESULT 60
US-09-626-929-25
; Sequence 25, Application US/09626929
; Patent No. 6319714
; GENERAL INFORMATION:
; APPLICANT: CRAMERI, ANDREAS
; APPLICANT: STEMMER, WILHEM P.C.
; APPLICANT: MINSCHULL, JEREMY
; APPLICANT: BASS, STEVEN H.
; APPLICANT: WELCH, MARK
; APPLICANT: NESS, JON E.
; APPLICANT: GUSTAFSSON, CLAES
; APPLICANT: PATTEN, PHILIP A.
; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED NUCLEIC ACID RECOMBINATION
; FILE REFERENCE: 02-029620US
; CURRENT APPLICATION NUMBER: US/09/626,929
; 2000-07-27
; CURRENT FILING DATE: 2000-07-27
; PRIOR APPLICATION NUMBER: 09/408,392
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: 60/118,813
; PRIOR FILING DATE: 1999-02-05
; PRIOR APPLICATION NUMBER: 60/141,049
; PRIOR FILING DATE: 1999-06-24
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 25
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)..(12)
US-09-626-929-25

Query Match 30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 51;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 18 GGGAGTCCAG 27
|||
Db 2 GGGGATCCAG 11

RESULT 61
US-09-326-186B-87/C
; Sequence 87, Application US/09326186B
; Patent No. 6319906
; GENERAL INFORMATION:
; APPLICANT: Bennett, Clarence Frank

;; APPLICANT: Vickers, Timothy A.
;; TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the
;; TITLE OF INVENTION: Modulation of the Expression of B7 Protein
;; FILE REFERENCE: ISPH-0376
;; CURRENT APPLICATION NUMBER: US/09/326,186B
;; CURRENT FILING DATE: 1999-06-04
;; PRIOR APPLICATION NUMBER: 08/777,266
;; PRIOR FILING DATE: 1996-12-31
;; NUMBER OF SEQ ID NOS: 226
;; SOFTWARE: PatentIn Ver. 2.0
;; SEQ ID NO 87
;; LENGTH: 12
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Synthetic
US-09-326-186B-87

Query Match 30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 51;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 13 GTACAGGGAG 22
|||
Db 12 GTACGGGGAG 3

RESULT 62
US-09-484-850-25
; Sequence 25, Application US/09484850
; Patent No. 6368651
; GENERAL INFORMATION:
; APPLICANT: CRAMERI, ANDREAS
; APPLICANT: STEMMER, WILHEM P.C.
; APPLICANT: MINSCHULL, JEREMY
; APPLICANT: BASS, STEVEN H.
; APPLICANT: WELCH, MARK
; APPLICANT: NESS, JON E.
; APPLICANT: GUSTAFSSON, CLAES
; APPLICANT: PATTEN, PHILIP A.
; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED NUCLEIC ACID RECOMBINATION
; FILE REFERENCE: 02-029630US
; CURRENT APPLICATION NUMBER: US/09/484,850
; CURRENT FILING DATE: 2000-01-18
; PRIOR APPLICATION NUMBER: 09/408,392
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: 60/118,813
; PRIOR FILING DATE: 1999-02-05
; PRIOR APPLICATION NUMBER: 60/141,049
; PRIOR FILING DATE: 1999-06-24
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 25
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)..(12)
US-09-484-850-25

Query Match 30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 51;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 18 GGGAGTCCAG 27
|||
Db 2 GGGGATCCAG 11

RESULT 63
US-09-408-392-25
; Sequence 25, Application US/09408392


```
/ Patent No. 6376246
/ GENERAL INFORMATION:
/ APPLICANT: CRAMER, ANDREAS
/ APPLICANT: STEMMER, WILHEM P.C.
/ APPLICANT: MINSHULL, JEREMY
/ APPLICANT: BASS, STEVEN H.
/ APPLICANT: WELCH, MARK
/ APPLICANT: NESS, JON E.
/ APPLICANT: GUSTAFSSON, CLAES
/ APPLICANT: PATTEN, PHILIP A.
/ TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED NUCLEIC ACID RECOMBINATION
/ FILE REFERENCE: 02-029620US
/ CURRENT APPLICATION NUMBER: US/09/408,392
/ PRIOR FILING DATE: 1999-09-28
/ PRIOR APPLICATION NUMBER: 60/118,813
/ PRIOR FILING DATE: 1999-02-05
/ PRIOR APPLICATION NUMBER: 60/141,049
/ PRIOR FILING DATE: 1999-06-24
/ NUMBER OF SEQ ID NOS: 26
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 25
/ LENGTH: 12
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ FEATURE:
/ NAME/KEY: CDS
/ LOCATION: (1)..(12)
US-09-408-392-25
```

```
Query Match          30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 51;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      18 GGGAGTCCAG 27
          |||||
          2 GGGGGTCCAG 11
```

```
RESULT 64
US-09-626-930-25
/ Sequence 25, Application US/09626930
/ Patent No. 6423542
/ GENERAL INFORMATION:
/ APPLICANT: CRAMER, ANDREAS
/ APPLICANT: STEMMER, WILHEM P.C.
/ APPLICANT: MINSHULL, JEREMY
/ APPLICANT: BASS, STEVEN H.
/ APPLICANT: WELCH, MARK
/ APPLICANT: NESS, JON E.
/ APPLICANT: GUSTAFSSON, CLAES
/ APPLICANT: PATTEN, PHILIP A.
/ TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED NUCLEIC ACID RECOMBINATION
/ FILE REFERENCE: 02-029620US
/ CURRENT APPLICATION NUMBER: US/09/626,930
/ CURRENT FILING DATE: 2000-07-27
/ PRIOR APPLICATION NUMBER: 09/408,392
/ PRIOR FILING DATE: 1999-09-28
/ PRIOR APPLICATION NUMBER: 60/118,813
/ PRIOR FILING DATE: 1999-02-05
/ PRIOR APPLICATION NUMBER: 60/141,049
/ PRIOR FILING DATE: 1999-06-24
/ NUMBER OF SEQ ID NOS: 26
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 25
/ LENGTH: 12
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ FEATURE:
/ NAME/KEY: CDS
/ LOCATION: (1)..(12)
US-09-626-930-25
```

Query Match 30.0%; Score 8.4; DB 1; Length 12;

Best Local Similarity 90.0%; Pred. No. 51;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```
QY      18 GGGAGTCCAG 27
          |||||
          2 GGGGGTCCAG 11
```

```
RESULT 65
US-09-626-528-25
/ Sequence 25, Application US/09626528
/ Patent No. 6426224
/ GENERAL INFORMATION:
/ APPLICANT: CRAMER, ANDREAS
/ APPLICANT: STEMMER, WILHEM P.C.
/ APPLICANT: MINSHULL, JEREMY
/ APPLICANT: BASS, STEVEN H.
/ APPLICANT: WELCH, MARK
/ APPLICANT: NESS, JON E.
/ APPLICANT: GUSTAFSSON, CLAES
/ APPLICANT: PATTEN, PHILIP A.
/ TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED NUCLEIC ACID RECOMBINATION
/ FILE REFERENCE: 02-029620US
/ CURRENT APPLICATION NUMBER: US/09/626,528
/ CURRENT FILING DATE: 2000-07-27
/ PRIOR APPLICATION NUMBER: 09/408,392
/ PRIOR FILING DATE: 1999-09-28
/ PRIOR APPLICATION NUMBER: 60/118,813
/ PRIOR FILING DATE: 1999-02-05
/ PRIOR APPLICATION NUMBER: 60/141,049
/ PRIOR FILING DATE: 1999-06-24
/ NUMBER OF SEQ ID NOS: 26
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 25
/ LENGTH: 12
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ FEATURE:
/ NAME/KEY: CDS
/ LOCATION: (1)..(12)
US-09-626-528-25
```

Query Match 30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 51;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```
QY      18 GGGAGTCCAG 27
          |||||
          2 GGGGGTCCAG 11
```

```
RESULT 66
US-09-340-861-39
/ Sequence 39, Application US/09340861
/ Patent No. 6432704
/ GENERAL INFORMATION:
/ APPLICANT: Kenneth G. Draper
/ TITLE OF INVENTION: METHOD AND REAGENT FOR
/ TITLE OF INVENTION: INHIBITING HERPES SIMPLEX
/ TITLE OF INVENTION: VIRUS REPLICATION
/ NUMBER OF SEQUENCES: 115
/ CORRESPONDENCE ADDRESS:
/ ADDRESSER: Lyon & Lyon
/ STREET: 611 West Sixth Street
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: USA
/ ZIP: 90017
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 MB storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
/ SOFTWARE: Wordperfect (Version 5.1)
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```

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/340,861
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/987,133
; FILING DATE:
; APPLICATION NUMBER: 07/882,921
; FILING DATE: May 14, 1992
; APPLICATION NUMBER: 07/948,359
; FILING DATE: September 18, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 200/209
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-09-340-861-39

Query Match
Best Local Similarity 30.0%; Score 8.4; DB 1; Length 12;
Matches 7; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 5 CCCTACGTGT 14
DB 1 CCCGACGUGU 10

RESULT 67
US-09-634-262-39
; Sequence 39, Application US/09634262
; Patent No. 6440719
; GENERAL INFORMATION:
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HERPES SIMPLEX
; NUMBER OF SEQUENCES: 115
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Lyon & Lyon
; STREET: 611 West Sixth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90017
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/634,262
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/987,133
; FILING DATE:
; APPLICATION NUMBER: 07/882,921
; FILING DATE: May 14, 1992
; APPLICATION NUMBER: 07/948,359
; FILING DATE: September 18, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 200/209
;

```

```

; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-09-634-262-39

Query Match
Best Local Similarity 30.0%; Score 8.4; DB 1; Length 12;
Matches 7; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 5 CCCTACGTGT 14
DB 1 CCCGACGUGU 10

RESULT 68
US-09-626-595-25
; Sequence 25, Application US/09626595
; Patent No. 6479652
; GENERAL INFORMATION:
; APPLICANT: CRAMER, ANDREAS
; APPLICANT: STEMMER, WILHEM P.C.
; APPLICANT: MINSHULT, JEREMY
; APPLICANT: BASS, STEVEN H.
; APPLICANT: WELCH, MARK
; APPLICANT: NESS, JON E.
; APPLICANT: GUSTAFSSON, CLAES
; APPLICANT: PATTEN, PHILIP A.
; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED NUCLEIC ACID RECOMBINATION
; FILE REFERENCE: 02-029620US
; CURRENT APPLICATION NUMBER: US/09/626,595
; PRIOR FILING DATE: 2000-07-27
; PRIOR APPLICATION NUMBER: 09/408,392
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: 60/118,813
; PRIOR FILING DATE: 1999-02-05
; PRIOR APPLICATION NUMBER: 60/141,049
; PRIOR FILING DATE: 1999-06-24
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 25
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)..(12)
;
US-09-626-595-25

Query Match
Best Local Similarity 30.0%; Score 8.4; DB 1; Length 12;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 18 GGAGTCCAG 27
DB 2 GGGGCTCCAG 11

RESULT 69
US-09-694-863-25
; Sequence 25, Application US/09694863
; Patent No. 6521453
; GENERAL INFORMATION:
; APPLICANT: CRAMER, ANDREAS
; APPLICANT: STEMMER, WILHEM P.C.
; APPLICANT: MINSHULT, JEREMY
; APPLICANT: BASS, STEVEN H.
;

```

```

; APPLICANT: WELCH, MARK
; APPLICANT: NESS, JON E.
; APPLICANT: GUSTAFSSON, CLAES
; APPLICANT: PATEN, PHILLIP A.
; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED NUCLEIC ACID RECOMBINATION
; FILE REFERENCE: 02-029620US
; CURRENT APPLICATION NUMBER: US/09/694,863
; CURRENT FILING DATE: 2000-10-23
; PRIOR APPLICATION NUMBER: 09/408,392
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: 60/141,049
; PRIOR FILING DATE: 1999-06-24
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 25
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)..(12)
; US-09-694-863-25

```

```

Query Match
Best Local Similarity 30.0%; Score 8.4; DB 1; Length 12;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

Qy 18 GGGAGTCCAG 27
Db 2 GGGGCTCCAG 11

```

```

RESULT 70
US-08-702-665A-19/c
; Sequence 19, Application US/08702665A
; Patent No. 6274708
; GENERAL INFORMATION:
; APPLICANT: Hilton, Douglas J.
; TITLE OF INVENTION: A NOVEL HAEMOPHILIN RECEPTOR
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SCULLY, SCOTT MURPHY & PRESSER
; STREET: 400 Garden City Plaza
; CITY: Garden City
; STATE: New York
; COUNTRY: United States of America
; ZIP: 11530
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/702,665A
; FILING DATE: 20-DEC-1996
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Presser, Leopold
; REGISTRATION NUMBER: 19,827
; REFERENCE/DOCKET NUMBER: 10296
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (516) 742-4343
; TELEFAX: (516) 742-4366
; TELEX: 203 901 SANS UR
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-702-665A-19

```

```

Query Match
Best Local Similarity 29.3%; Score 8.2; DB 1; Length 21;
Matches 10; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

Qy 7 CTACGTACAG 19
Db 15 CTCACAGTACAG 3

```

```

RESULT 71
US-09-989-789-2098/c
; Sequence 2098, Application US/09989789
; Patent No. 6588746
; GENERAL INFORMATION:
; APPLICANT: LIT, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; FILE REFERENCE: 8325-0011.20 / S11-US2
; CURRENT APPLICATION NUMBER: US/09/989,789
; CURRENT FILING DATE: 2002-03-25
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2098
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; OTHER INFORMATION: DNA
; US-09-989-789-2098

```

```

Query Match
Best Local Similarity 28.6%; Score 8; DB 1; Length 9;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 5 CCTACGT 12
Db 9 CCTACGT 2

```

```

RESULT 72
US-09-989-789-2100/c
; Sequence 2100, Application US/09989789
; Patent No. 6588746
; GENERAL INFORMATION:
; APPLICANT: LIT, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; FILE REFERENCE: 8325-0011.20 / S11-US2
; CURRENT APPLICATION NUMBER: US/09/989,789
; CURRENT FILING DATE: 2002-03-25
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2100
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; OTHER INFORMATION: DNA
; US-09-989-789-2100

```

```

Query Match
Best Local Similarity 28.6%; Score 8; DB 1; Length 9;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 5 CCTACGT 12
Db 9 CCTACGT 2

```

```

RESULT 73
US-09-989-789-2195

```

```
; Sequence 2195, Application US/09989789
; Patent No. 6588746
; GENERAL INFORMATION:
; APPLICANT: LUI, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; FILE REFERENCE: 8325-0011.20 / S11-US2
; CURRENT APPLICATION NUMBER: US/09/989,789
; CURRENT FILING DATE: 2002-03-25
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2195
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; US-09-989-789-2195
```

```
Query Match      28.6%; Score 8; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 4.1e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      17 ACGGAGCTC 24
         |||||
DB       2 ACGGAGCTC 9
```

```
RESULT 74
US-09-989-789-2453/c
; Sequence 2453, Application US/09989789
; Patent No. 6588746
; GENERAL INFORMATION:
; APPLICANT: LUI, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; FILE REFERENCE: 8325-0011.20 / S11-US2
; CURRENT APPLICATION NUMBER: US/09/989,789
; CURRENT FILING DATE: 2002-03-25
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2453
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; US-09-989-789-2453
```

```
Query Match      28.6%; Score 8; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 4.1e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      1 CGGGCCCT 8
         |||||
DB       9 CGGGCCCT 2
```

```
RESULT 75
US-09-989-789-2454/c
; Sequence 2454, Application US/09989789
; Patent No. 6588746
; GENERAL INFORMATION:
; APPLICANT: LUI, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; FILE REFERENCE: 8325-0011.20 / S11-US2
; CURRENT APPLICATION NUMBER: US/09/989,789
; CURRENT FILING DATE: 2002-03-25
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
```

```
; SEQ ID NO 2454
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; US-09-989-789-2454
```

```
Query Match      28.6%; Score 8; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 4.1e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      1 CGGGCCCT 8
         |||||
DB       9 CGGGCCCT 2
```

```
RESULT 76
US-08-170-095B-12
; Sequence 12, Application US/08170095B
; Patent No. 5563254
; GENERAL INFORMATION:
; APPLICANT: Hoffman, Stephen J.
; APPLICANT: Nagai, Kiyoshi
; TITLE OF INVENTION: Blood Substitutes
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Somatogen, Inc.
; STREET: 2545 Central Avenue
; CITY: Boulder
; STATE: Colorado
; ZIP: 80301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.4 Mb storage
; COMPUTER: Apple Macintosh
; OPERATING SYSTEM: System 7.0.1
; SOFTWARE: Microsoft Word 5.0a
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/170,095B
; FILING DATE: December 20, 1993
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: No. 5563254ak, Henry P.
; REGISTRATION NUMBER: 33200
; REFERENCE/DOCKET NUMBER: Hoffman 2A/CONT2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 303-444-3013
; TELEFAX: 303-444-3013
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: unknown to applicant
; MOLECULE TYPE: Other nucleic acid
; DESCRIPTION: ARTIFICIALLY GENERATED OLIGONUCLEOTIDE USED IN A CL
; HYPOTHETICAL: no
; US-08-170-095B-12
```

```
Query Match      28.6%; Score 8; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 45;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      1 CGGGCCCT 8
         |||||
DB       3 CGGGCCCT 10
```

```
RESULT 77
US-08-396-866-12
; Sequence 12, Application US/08396866
; Patent No. 5661124
```

GENERAL INFORMATION:
APPLICANT: Hoffman, Stephen J.
APPLICANT: Nagai, Kiyoshi
TITLE OF INVENTION: Blood Substitutes
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Somatogen, Inc.
STREET: 5797 Central Avenue
CITY: Boulder
STATE: Colorado
ZIP: 80301

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.4 Mb storage
COMPUTER: Apple Macintosh
OPERATING SYSTEM: System 7.0.1
SOFTWARE: Microsoft Word 5.0a
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/396,866
FILING DATE:
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/062,780
FILING DATE: May 17, 1993
ATTORNEY/AGENT INFORMATION:
NAME: No. 561124k, Henry P.
REGISTRATION NUMBER: 33200
REFERENCE/DOCKET NUMBER: Hoffman
TELECOMMUNICATION INFORMATION:
TELEPHONE: 303-541-3322
TELEFAX: 303-444-3013
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 10
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown to applicant
MOLECULE TYPE: Other nucleic acid
DESCRIPTION: ARTIFICIALLY GENERATED OLIGONUCLEOTIDE
HYPOTHETICAL: no
US-08-396-866-12

Query Match
Best Local Similarity 28.6%; Score 8; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 45;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGGCCCT 8
DB 3 CGGGCCCT 10

RESULT 78
US-09-301-721A-12/c
Sequence 12, Application US/09301721A
Patent No. 6506561
GENERAL INFORMATION:
APPLICANT: CHEVAL, Lydie
APPLICANT: ELALOUF, Jean-Marc
APPLICANT: VIRION, Berangere
TITLE OF INVENTION: MICROARRAY FOR SERIAL ANALYSIS OF GENE EXPRESSION AND
TITLE OF INVENTION: APPLICATIONS THEREOF
FILE REFERENCE: 0846-0499-0X
CURRENT APPLICATION NUMBER: US/09/301,721A
CURRENT FILING DATE: 1999-04-29
PRIOR APPLICATION NUMBER: EPO 99400189.9
PRIOR FILING DATE: 1999-01-27
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 12
LENGTH: 10
TYPE: DNA
ORGANISM: Mus musculus

US-09-301-721A-12

Query Match
Best Local Similarity 28.6%; Score 8; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 45;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 17 AGGAGTC 24
DB 9 AGGAGTC 2

RESULT 79
US-09-193-707-9
Sequence 9, Application US/09193707
Patent No. 6524792
GENERAL INFORMATION:
APPLICANT: Renner, Wolfgang A.
APPLICANT: Koller, Daniel
APPLICANT: Bailey, James E.
TITLE OF INVENTION: EXPRESSION CLONING PROCESSES FOR THE DISCOVERY,
TITLE OF INVENTION: CHARACTERIZATION AND ISOLATION OF GENES ENCODING POLYPEPTIDES
FILE REFERENCE: 8358-0005-999
CURRENT APPLICATION NUMBER: US/09/193,707
CURRENT FILING DATE: 1998-11-17
NUMBER OF SEQ ID NOS: 18
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 9
LENGTH: 11
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
US-09-193-707-9

Query Match
Best Local Similarity 28.6%; Score 8; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 55;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGGCCCT 8
DB 4 CGGGCCCT 11

RESULT 80
US-08-086-410-4
Sequence 4, Application US/08086410
Patent No. 5407822
GENERAL INFORMATION:
APPLICANT: LEPLATOIS, Pascal
APPLICANT: LOISON, Gerard
APPLICANT: PESSEQUE, Bernard
APPLICANT: SHIRE, David
TITLE OF INVENTION: Artificial promoter for the expression
TITLE OF INVENTION: of proteins in yeast
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESSES:
ADDRESSEE: FOLEY & LARDNER
STREET: King Street Station, Suite 500, 1800 Diagonal
STREET: Road, PO Box 299
CITY: ALEXANDRIA
STATE: VIRGINIA
COUNTRY: USA
ZIP: 22313-0299
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/086,410
FILING DATE:

CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/768,083
FILING DATE: 02-OCT-1991
APPLICATION NUMBER: FR 89 17467
FILING DATE: 29-DEC-1989
ATTORNEY/AGENT INFORMATION:
NAME: Saxe, Bernhard D
REGISTRATION NUMBER: 28,665
REFERENCE/DOCKET NUMBER: 16781/318
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-9300
TELEFAX: (703) 683-4109
TELEX: 899149
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 12 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
IMMEDIATE SOURCE:
CLONE: oligonucleotide/primer of reverse
US-08-086-410-4

Query Match 28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 66;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGGGCCCT 8
Db 5 CGGGGCCCT 12

RESULT 81
US-07-939-501A-17
Sequence 17, Application US/07939501A
Patent No. 5446138
GENERAL INFORMATION:
APPLICANT: BLAISEAU, Pierre-Louis
APPLICANT: LEGOUX, Richard
APPLICANT: LEGOUX, Jean-Jacques
APPLICANT: SCHNEIDER, Michel
TITLE OF INVENTION: Recombinant DNA coding for a protein
TITLE OF INVENTION: having endochitinase activity
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESSEE: FOLEY & LARDNER
STREET: King Street Station, Suite 500, 1800 Diagonal
STREET: Road, PO Box 299
CITY: ALEXANDRIA
STATE: VIRGINIA
COUNTRY: USA
ZIP: 22313-0299
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/939,501A
FILING DATE: 19920908
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: FR 91 11072
FILING DATE: 06-SEP-1991
ATTORNEY/AGENT INFORMATION:
NAME: Saxe, Bernhard D
REGISTRATION NUMBER: 28,665
REFERENCE/DOCKET NUMBER: 16781/373
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-9300

TELEFAX: (703) 683-4109
TELEX: 899149
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 12 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-07-939-501A-17

Query Match 28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 66;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGGGCCCT 8
Db 5 CGGGGCCCT 12

RESULT 82
US-08-025-038-15/c
Sequence 15, Application US/08025038
Patent No. 5545526
GENERAL INFORMATION:
APPLICANT: BAXTER-LOWE, Lee-An
TITLE OF INVENTION: Method for HLA Typing
NUMBER OF SEQUENCES: 46
CORRESPONDENCE ADDRESS:
ADDRESSEE: FOLEY & LARDNER
STREET: 777 E. Wisconsin Avenue
CITY: Milwaukee
STATE: Wisconsin
COUNTRY: USA
ZIP: 53202-5367
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/025,038
FILING DATE: 19930301
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/544,218
FILING DATE: 27-JUN-1990
ATTORNEY/AGENT INFORMATION:
NAME: Meyers, Philip G.
REGISTRATION NUMBER: 30,478
REFERENCE/DOCKET NUMBER: 204 854
TELECOMMUNICATION INFORMATION:
TELEPHONE: (414) 289-3761
TELEFAX: (414) 289-3791
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 12 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
US-08-025-038-15

Query Match 28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 66;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGGGCCCT 8
Db 9 CGGGGCCCT 2

RESULT 83
US-08-152-955-4

```
; Sequence 4, Application US/08152955
; Patent No. 5474897
; GENERAL INFORMATION:
; APPLICANT: Weiss, Arthur
; APPLICANT: Fraser, James
; TITLE OF INVENTION: Screening Assay for the Identification
; TITLE OF INVENTION: of Immunosuppressive Drugs
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend
; STREET: One Market Plaza, Stewart Tower, Suite 2000
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94105
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/152,955
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; FILING DATE: 15-JUN-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Heelin, James M.
; REGISTRATION NUMBER: 29,541
; REFERENCE/DOCKET NUMBER: 2307U-356
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-326-2400
; TELEFAX: 415-326-2422
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 11 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-152-955-4

Query Match      27.9%; Score 7.8; DB 1; Length 11;
Best Local Similarity 81.8%; Pred. No. 63;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      16 GAGGAGTCGA 26
Db      1 CAGAGATTCCA 11

RESULT 84
US-09-249-155A-236
; Sequence 236, Application US/09249155A
; Patent No. 6538173
; GENERAL INFORMATION:
; APPLICANT: Heber-Katz, Ellen
; TITLE OF INVENTION: Compositions and Methods for Wound
; TITLE OF INVENTION: Healing
; FILE REFERENCE: 00486.78503
; CURRENT APPLICATION NUMBER: US/09/249,155A
; PRIOR FILING DATE: 1999-02-12
; PRIOR APPLICATION NUMBER: US 60/074,737
; PRIOR FILING DATE: 1998-02-13
; PRIOR APPLICATION NUMBER: US 60/097,937
; PRIOR FILING DATE: 1998-08-26
; PRIOR APPLICATION NUMBER: US 60/102,051
; PRIOR FILING DATE: 1998-09-28
; NUMBER OF SEQ ID NOS: 346
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 236
; LENGTH: 11
; TYPE: DNA
```

```
; ORGANISM: Mus musculus
US-09-249-155A-236

Query Match      27.9%; Score 7.8; DB 1; Length 11;
Best Local Similarity 81.8%; Pred. No. 63;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      18 GAGGAGTCGAG 28
Db      1 GGGGGGCCGAG 11

RESULT 85
US-09-249-155A-272/C
; Sequence 272, Application US/09249155A
; Patent No. 6538173
; GENERAL INFORMATION:
; APPLICANT: Heber-Katz, Ellen
; TITLE OF INVENTION: Compositions and Methods for Wound
; TITLE OF INVENTION: Healing
; FILE REFERENCE: 00486.78503
; CURRENT APPLICATION NUMBER: US/09/249,155A
; PRIOR FILING DATE: 1999-02-12
; PRIOR APPLICATION NUMBER: US 60/074,737
; PRIOR FILING DATE: 1998-02-13
; PRIOR APPLICATION NUMBER: US 60/097,937
; PRIOR FILING DATE: 1998-08-26
; PRIOR APPLICATION NUMBER: US 60/102,051
; PRIOR FILING DATE: 1998-09-28
; NUMBER OF SEQ ID NOS: 346
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 272
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-249-155A-272

Query Match      27.9%; Score 7.8; DB 1; Length 11;
Best Local Similarity 81.8%; Pred. No. 63;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      10 CGGTGACAGG 20
Db      11 CTGTGAGAGG 1

RESULT 86
PCT-US93-05668-4
; Sequence 4, Application PC/TUS9305668
; GENERAL INFORMATION:
; APPLICANT: Weiss, Arthur
; APPLICANT: Fraser, James
; TITLE OF INVENTION: Screening Assay for the Identification
; TITLE OF INVENTION: of Immunosuppressive Drugs
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fisher & Amzel
; STREET: 1320 Harbor Bay Parkway, Suite 225
; CITY: Alameda
; STATE: California
; COUNTRY: USA
; ZIP: 94501
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/05668
; FILING DATE: 19930611
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/898,639
```

FILING DATE: 15-JUN-1992
ATTORNEY/AGENT INFORMATION:
NAME: Fisher, Stanley P.
REGISTRATION NUMBER: 24,344
REFERENCE/DOCKET NUMBER: 91-143-1PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: 510-748-6668
TELEFAX: 510-748-6668
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 11 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
PCT-US93-05668-4

Query Match 27.9%; Score 7.8; DB 1; Length 11;
Best Local Similarity 81.8%; Pred. No. 63;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 16 CAGGAGTCCA 26
DB 1 CAGGAGTCCA 11

RESULT 87
US-08-035-928-19/c
Sequence 19, Application US/08035928
Patent No. 5538844
GENERAL INFORMATION:
APPLICANT: Duyao, Mabel P.
APPLICANT: MacDonald, Marcy E.
APPLICANT: Gusella, James F.
TITLE OF INVENTION: A No. 5538844e1 Transport Protein Gene from
TITLE OF INVENTION: The Huntington's Disease Region
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox
STREET: 1225 Connecticut Avenue N.W.
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20036
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
OPERATING SYSTEM: IBM PC compatible
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/035,928
FILING DATE: 19930323
CLASSIFICATION: 435
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 466-0800
TELEFAX: (202) 833-8716
TELEX:
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 12 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: both
TOPOLOGY: linear
US-08-035-928-19

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 74;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 CCTAGGTGTA 15
DB 12 CCTACTGAA 2

RESULT 88
US-08-435-350-107/c
Sequence 107, Application US/08435350
Patent No. 5599704
GENERAL INFORMATION:
APPLICANT: James D. Thompson
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: TREATMENT OF BREAST CANCER
NUMBER OF SEQUENCES: 118
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 611 West Sixth Street
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90017
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
SOFTWARE: Wordperfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,350
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/936,531
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Marburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 197/245
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 107:
SEQUENCE CHARACTERISTICS:
LENGTH: 12
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-350-107

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 74;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4 GCCCTAGGTGT 14
DB 12 GCCCTAGGTGT 2

RESULT 89
US-08-494-301A-25/c
Sequence 25, Application US/08494301A
Patent No. 5856461
GENERAL INFORMATION:
APPLICANT: Colote, Soudair
APPLICANT: Piotzky, Eduardo
TITLE OF INVENTION: Oligonucleotides to inhibit the
TITLE OF INVENTION: Expression of Isoprenyl Protein Transferases
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lucas & Just
STREET: 205 E. 42nd Street
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10017
COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.50 inch,
MEDIUM TYPE: 1.44 MB storage
COMPUTER: IBM 486 Compatible
OPERATING SYSTEM: MS-DOS 5.0
SOFTWARE: WordPerfect 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/494,301A
FILING DATE: 23-JUNE-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9413035.8
FILING DATE: 29-JUNE-1994
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 12 base pairs
TYPE: nucleotide
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: Yes
US-08-494-301A-25

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 74;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 13 GTACAGGAGT 23
DB 11 GTCCAGAGAGT 1

RESULT 90
US-09-281-418-25/c
Sequence 25, Application US/09281418
Patent No. 628766
GENERAL INFORMATION:
APPLICANT: Inoue, Takakazu
TITLE OF INVENTION: Method of Amplifying DNA Fragment, Apparatus for Amplifying DNA F
TITLE OF INVENTION: agment, Method of Assaying Microorganisms, Method of Analyzing Mi
TITLE OF INVENTION: nisms and Method of Assaying Contaminant
FILE REFERENCE: 9982-7
CURRENT APPLICATION NUMBER: US/09/281,418
CURRENT FILING DATE: 1999-03-30
EARLIER APPLICATION NUMBER: JP/1998/87651
EARLIER FILING DATE: 1998-03-31
EARLIER APPLICATION NUMBER: JP/1999/69694
EARLIER FILING DATE: 1999-03-16
NUMBER OF SEQ ID NOS: 216
SEQ ID NO 25
LENGTH: 12
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
US-09-281-418-25

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 74;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7 CTACGTGTACA 17
DB 11 CTTCGTGTAGA 1

RESULT 91
US-09-528-404-9
Sequence 9, Application US/09528404
Patent No. 6440723
GENERAL INFORMATION:
APPLICANT: Roderie M. K. Dale
TITLE OF INVENTION: ARRAYS WITH MODIFIED OLIGONUCLEOTIDE AND
TITLE OF INVENTION: POLYNUCLEOTIDE COMPOSITIONS
FILE REFERENCE: OLIG-002CIP3

CURRENT APPLICATION NUMBER: US/09/528,404
CURRENT FILING DATE: 2000-03-17
EARLIER APPLICATION NUMBER: 09/223,498
EARLIER FILING DATE: 1998-12-30
EARLIER APPLICATION NUMBER: 09/408,088
EARLIER FILING DATE: 1999-09-29
NUMBER OF SEQ ID NOS: 13
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 9
LENGTH: 12
TYPE: RNA
ORGANISM: rat
US-09-528-404-9

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 72.7%; Pred. No. 74;
Matches 8; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 15 ACAGGAGTCC 25
DB 1 ACAGGAGAUCC 11

RESULT 92
US-08-717-526-61/c
Sequence 61, Application US/08717526
Patent No. 5786147
GENERAL INFORMATION:
APPLICANT: MABIAI, CLAUDE
APPLICANT: RAOULT, DIDIER
TITLE OF INVENTION: DETECTION OF ENTEROBACTERIA
NUMBER OF SEQUENCES: 79
CORRESPONDENCE ADDRESS:
ADDRESSEE: OLIF & BERRIDGE
STREET: 700 SOUTH WASHINGTON STREET
CITY: ALEXANDRIA
STATE: VA
COUNTRY: USA
ZIP: 22314
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/717,526
FILING DATE: 17-SEP-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: BERRIDGE, WILLIAM P.
REGISTRATION NUMBER: 30,024
REFERENCE/DOCKET NUMBER: WPB 38732
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-836-2787
TELEFAX: 703-836-6400
INFORMATION FOR SEQ ID NO: 61:
SEQUENCE CHARACTERISTICS:
LENGTH: 9 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-717-526-61

Query Match 26.4%; Score 7.4; DB 1; Length 9;
Best Local Similarity 88.9%; Pred. No. 4,1e+02;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 15 ACAGGAGT 23
DB 9 ACAGAGAGT 1

RESULT 93
US-09-153-242-30
; Sequence 30, Application US/09153242
; Patent No. 6482592
; GENERAL INFORMATION:
; APPLICANT: Lundberg, Joakim
; APPLICANT: Uhlen, Mathias
; TITLE OF INVENTION: MODULAR PROBES II
; FILE REFERENCE: 1181-242
; CURRENT APPLICATION NUMBER: US/09/153,242
; CURRENT FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: PCT/GB97/02629
; PRIOR FILING DATE: 1997-03-26
; NUMBER OF SEQ ID NOS: 63
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 30
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide H1-9
US-09-153-242-30

Query Match
Best Local Similarity 26.4%; Score 7.4; DB 1; Length 9;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2 GGAGCCTTAC 10
DB 1 GGAGCCTTCC 9

RESULT 94
US-07-651-710A-33/c
; Sequence 33, Application US/07651710A
; Patent No. 5362864
; GENERAL INFORMATION:
; APPLICANT: Chua, Nam-Hai
; TITLE OF INVENTION: Trans-Activating Factor-1
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/651,710A
; FILING DATE: 19910206
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Mistrock, S. Leslie
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 3288-014
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212 790-9090
; TELEFAX: 212 8698864/9741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: double
; TOPOLOGY: unknown
; MOLECULE TYPE: TAF-1 binding motif
US-07-651-710A-33

Query Match
Best Local Similarity 26.4%; Score 7.4; DB 1; Length 10;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7 CTACGTGTA 15
DB 9 CCACGTGTA 1

RESULT 95
US-07-651-710A-38/c
; Sequence 38, Application US/07651710A
; Patent No. 5362864
; GENERAL INFORMATION:
; APPLICANT: Chua, Nam-Hai
; TITLE OF INVENTION: Trans-Activating Factor-1
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/651,710A
; FILING DATE: 19910206
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Mistrock, S. Leslie
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 3288-014
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212 790-9090
; TELEFAX: 212 8698864/9741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 38:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: double
; TOPOLOGY: unknown
; MOLECULE TYPE: TAF-1 binding motif
US-07-651-710A-38

Query Match
Best Local Similarity 26.4%; Score 7.4; DB 1; Length 10;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7 CTACGTGTA 15
DB 9 CCACGTGTA 1

RESULT 96
US-08-074-879-3
; Sequence 3, Application US/08074879
; Patent No. 5656423
; GENERAL INFORMATION:
; APPLICANT: Orth, Gerard
; APPLICANT: Volpers, Christoph
; APPLICANT: Streek, Rolf
; TITLE OF INVENTION: DNA Sequences Derived from the Genome of
; TITLE OF INVENTION: the Papillomavirus HPV39, Their Use in In Vitro Diagnosis
; TITLE OF INVENTION: and for the Production of an Immunogenic Composition
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
US-08-074-879-3

```

ADDRESSSEE: Finnegan, Henderson, Farabow, Garrett &
ADDRESSSEE: Dunner
STREET: 1300 I Street, N.W.
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/074,879
FILING DATE: 16-JUN-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO 92/1136
FILING DATE: 09-JUL-1992
ATTORNEY/AGENT INFORMATION:
NAME: Potter, Jane E.R.
REGISTRATION NUMBER: 33,332
REFERENCE/DOCKET NUMBER: 02356.0066-00000
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-408-4000
TELEFAX: 202-408-4400
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-074-879-3

Query Match
Best Local Similarity 26.4%; Score 7.4; DB 1; Length 10;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 15 AACGGAGT 23
Db 1 AACGGAGT 9

RESULT 97
US-08-468-057A-3
Sequence 3, Application US/08468057A
Patent No. 565535
GENERAL INFORMATION:
APPLICANT: Orth, Gerard
APPLICANT: Volpers, Christoph
APPLICANT: Streck, Rolf
TITLE OF INVENTION: DNA Sequences Derived from the Genome of
TITLE OF INVENTION: the Papillomavirus HPV39, Their Use in In Vitro Diagnosis
TITLE OF INVENTION: and for the Production of an Immunogenic Composition
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSER: Finnegan, Henderson, Farabow, Garrett &
ADDRESSER: Dunner
STREET: 1300 I Street, N.W.
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/468,057A
FILING DATE: 06-JUN-1995
CLASSIFICATION: 435

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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/074,879
FILING DATE: 16-JUN-1993
APPLICATION NUMBER: WO 92/1136
FILING DATE: 09-JUL-1992
ATTORNEY/AGENT INFORMATION:
NAME: Potter, Jane E.R.
REGISTRATION NUMBER: 33,332
REFERENCE/DOCKET NUMBER: 02356.0066-00000
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-408-4000
TELEFAX: 202-408-4400
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-468-057A-3

Query Match
Best Local Similarity 26.4%; Score 7.4; DB 1; Length 10;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 15 AACGGAGT 23
Db 1 AACGGAGT 9

RESULT 98
US-08-378-986-6
Sequence 6, Application US/08378986
Patent No. 5723751
GENERAL INFORMATION:
APPLICANT: Chua, Nam-Hai
TITLE OF INVENTION: Expression Motifs That Confer
TITLE OF INVENTION: Tissue- and Developmental-Specific Expression in Plants
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSER: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/378,986
FILING DATE:
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/982,792
FILING DATE: 30-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 3288-019
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-8864/9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: unknown
MOLECULE TYPE: Opaque 2 binding site

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US-08-378-986-6

Query Match

Best Local Similarity 26.4%; Score 7.4; DB 1; Length 10;

Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7 CTACGTGA 15
Db 2 CTACGTGA 10

RESULT 99

US-08-388-353-495/C

Sequence 495, Application US/08388353

Patent No. 6010895

GENERAL INFORMATION:

APPLICANT: Deacon, Nicholas J.

APPLICANT: Learmont, Jennifer C.

APPLICANT: McPhee, Dale A.

APPLICANT: Crowe, Suzanne

TITLE OF INVENTION: NON-PATHOGENIC STRAINS OF HIV-1

NUMBER OF SEQUENCES: 800

CORRESPONDENCE ADDRESS:

ADDRESSER: Scully, Scott, Murphy & Presser

STREET: 400 Garden City Plaza

CITY: Garden City

STATE: New York

COUNTRY: United States

ZIP: 11530

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/388,353

FILING DATE: 14-FEB-1995

CLASSIFICATION: 424

ATTORNEY/AGENT INFORMATION:

NAME: Digiglio, Frank S.

REGISTRATION NUMBER: 31,346

REFERENCE/DOCKET NUMBER: 9606

TELECOMMUNICATION INFORMATION:

TELEPHONE: (516) 742-4343

TELEFAX: (516) 742-4366

TELEX: 230 901 SANS UR

INFORMATION FOR SEQ ID NO: 495:

SEQUENCE CHARACTERISTICS:

LENGTH: 10 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

US-08-388-353-495

Query Match
Best Local Similarity 26.4%; Score 7.4; DB 1; Length 10;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;QY 15 ACAGGAGT 23
Db 10 ACAGGAGT 2

RESULT 100

US-08-388-353-496/C

Sequence 496, Application US/08388353

Patent No. 6010895

GENERAL INFORMATION:

APPLICANT: Deacon, Nicholas J.

APPLICANT: Learmont, Jennifer C.

APPLICANT: McPhee, Dale A.

APPLICANT: Crowe, Suzanne

TITLE OF INVENTION: NON-PATHOGENIC STRAINS OF HIV-1

NUMBER OF SEQUENCES: 800

CORRESPONDENCE ADDRESS:

ADDRESSER: Scully, Scott, Murphy & Presser

STREET: 400 Garden City Plaza

CITY: Garden City

STATE: New York

COUNTRY: United States

ZIP: 11530

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/388,353

FILING DATE: 14-FEB-1995

APPLICANT: Crowe, Suzanne

APPLICANT: Cooper, David

TITLE OF INVENTION: NON-PATHOGENIC STRAINS OF HIV-1

NUMBER OF SEQUENCES: 800

CORRESPONDENCE ADDRESS:

ADDRESSER: Scully, Scott, Murphy & Presser

STREET: 400 Garden City Plaza

CITY: Garden City

STATE: New York

COUNTRY: United States

ZIP: 11530

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/388,353

FILING DATE: 14-FEB-1995

CLASSIFICATION: 424

ATTORNEY/AGENT INFORMATION:

NAME: Digiglio, Frank S.

REGISTRATION NUMBER: 31,346

REFERENCE/DOCKET NUMBER: 9606

TELECOMMUNICATION INFORMATION:

TELEPHONE: (516) 742-4343

TELEFAX: (516) 742-4366

TELEX: 230 901 SANS UR

INFORMATION FOR SEQ ID NO: 496:

SEQUENCE CHARACTERISTICS:

LENGTH: 10 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

US-08-388-353-496

Query Match
Best Local Similarity 26.4%; Score 7.4; DB 1; Length 10;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;QY 15 ACAGGAGT 23
Db 9 ACAGGAGT 1

RESULT 101

US-08-388-353-657/C

Sequence 657, Application US/08388353

Patent No. 6010895

GENERAL INFORMATION:

APPLICANT: Deacon, Nicholas J.

APPLICANT: Learmont, Jennifer C.

APPLICANT: McPhee, Dale A.

APPLICANT: Crowe, Suzanne

TITLE OF INVENTION: NON-PATHOGENIC STRAINS OF HIV-1

NUMBER OF SEQUENCES: 800

CORRESPONDENCE ADDRESS:

ADDRESSER: Scully, Scott, Murphy & Presser

STREET: 400 Garden City Plaza

CITY: Garden City

STATE: New York

COUNTRY: United States

ZIP: 11530

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/388,353

FILING DATE: 14-FEB-1995

CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Digiglio, Frank S.
REGISTRATION NUMBER: 31,346
REFERENCE/DOCKET NUMBER: 9606
TELECOMMUNICATION INFORMATION:
TELEPHONE: (516) 742-4343
TELEFAX: (516) 742-4366
TELEX: 230 901 SANS UR
INFORMATION FOR SEQ ID NO: 657:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-388-353-657

Query Match 26.4%; Score 7.4; DB 1; Length 10;
Best Local Similarity 88.9%; Pred. No. 66;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 13 GTACAGGA 21
Db 10 GTACAGGA 2

RESULT 102
US-08-388-353-658/C
Sequence 658, Application US/08388353
Patent No. 6010895
GENERAL INFORMATION:
APPLICANT: Deacon, Nicholas J.
APPLICANT: Learmont, Jennifer C.
APPLICANT: McPhee, Dale A.
APPLICANT: Crowe, Suzanne
APPLICANT: Cooper, David
TITLE OF INVENTION: NON-PATHOGENIC STRAINS OF HIV-1
NUMBER OF SEQUENCES: 800
CORRESPONDENCE ADDRESS:
ADDRESSEE: Scully, Scott, Murphy & Presser
STREET: 400 Garden City Plaza
CITY: Garden City
STATE: New York
COUNTRY: United States
ZIP: 11530
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/388,353
FILING DATE: 14-FEB-1995
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Digiglio, Frank S.
REGISTRATION NUMBER: 31,346
REFERENCE/DOCKET NUMBER: 9606
TELECOMMUNICATION INFORMATION:
TELEPHONE: (516) 742-4343
TELEFAX: (516) 742-4366
TELEX: 230 901 SANS UR
INFORMATION FOR SEQ ID NO: 658:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-388-353-658

Query Match 26.4%; Score 7.4; DB 1; Length 10;

Best Local Similarity 88.9%; Pred. No. 66;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 13 GTACAGGA 21
Db 9 GTACAGGA 1

RESULT 103
US-08-388-353-661
Sequence 661, Application US/08388353
Patent No. 6010895
GENERAL INFORMATION:
APPLICANT: Deacon, Nicholas J.
APPLICANT: Learmont, Jennifer C.
APPLICANT: McPhee, Dale A.
APPLICANT: Crowe, Suzanne
APPLICANT: Cooper, David
TITLE OF INVENTION: NON-PATHOGENIC STRAINS OF HIV-1
NUMBER OF SEQUENCES: 800
CORRESPONDENCE ADDRESS:
ADDRESSEE: Scully, Scott, Murphy & Presser
STREET: 400 Garden City Plaza
CITY: Garden City
STATE: New York
COUNTRY: United States
ZIP: 11530
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/388,353
FILING DATE: 14-FEB-1995
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Digiglio, Frank S.
REGISTRATION NUMBER: 31,346
REFERENCE/DOCKET NUMBER: 9606
TELECOMMUNICATION INFORMATION:
TELEPHONE: (516) 742-4343
TELEFAX: (516) 742-4366
TELEX: 230 901 SANS UR
INFORMATION FOR SEQ ID NO: 661:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-388-353-661

Query Match 26.4%; Score 7.4; DB 1; Length 10;
Best Local Similarity 88.9%; Pred. No. 66;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 12 TGTACGGG 20
Db 2 TGTACGGG 10

RESULT 104
US-08-388-353-662
Sequence 662, Application US/08388353
Patent No. 6010895
GENERAL INFORMATION:
APPLICANT: Deacon, Nicholas J.
APPLICANT: Learmont, Jennifer C.
APPLICANT: McPhee, Dale A.
APPLICANT: Crowe, Suzanne
APPLICANT: Cooper, David
TITLE OF INVENTION: NON-PATHOGENIC STRAINS OF HIV-1

NUMBER OF SEQUENCES: 800
CORRESPONDENCE ADDRESS:
ADDRESSEE: Scully, Scott, Murphy & Presser
STREET: 400 Garden City Plaza
CITY: Garden City
STATE: New York
COUNTRY: United States
ZIP: 11530
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/388,353
FILING DATE: 14-FEB-1995
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Digiglio, Frank S.
REGISTRATION NUMBER: 31,346
REFERENCE/DOCKET NUMBER: 9606
TELECOMMUNICATION INFORMATION:
TELEPHONE: (516) 742-4343
TELEFAX: (516) 742-4366
TELEX: 230 901 SANS UR
INFORMATION FOR SEQ ID NO: 662:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-388-353-662

Query Match 26.4%; Score 7.4; DB 1; Length 10;
Best Local Similarity 88.9%; Pred. No. 66;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 12 TGTACAGGG 20
DB 1 TGTACTGGG 9

RESULT 105
US-08-488-551B-495/C
Sequence 495, Application US/08488551B
Patent No. 6015661
GENERAL INFORMATION:
APPLICANT: Nicholas J. Deacon
APPLICANT: Dale A. McPhee
TITLE OF INVENTION: NON-PATHOGENIC STRAINS OF HIV-1
NUMBER OF SEQUENCES: 841
CORRESPONDENCE ADDRESS:
ADDRESSEE: SCULLY, SCOTT, MURPHY & PRESSER
STREET: 400 GARDEN CITY PLAZA
CITY: GARDEN CITY
STATE: NEW YORK
COUNTRY: U.S.A.
ZIP: 11530-0299
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/488,551B
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PM3864 (AU)
FILING DATE: 14-FEB-1994
APPLICATION NUMBER: PM4002 (AU)
FILING DATE: 21-FEB-1994

APPLICATION NUMBER: PM0284 (AU)
FILING DATE: 23-DEC-1994
APPLICATION NUMBER: US 08/388,353
FILING DATE: 14-FEB-1995
APPLICATION NUMBER: PM3021/95
FILING DATE: 17-MAY-1995
ATTORNEY/AGENT INFORMATION:
NAME: FRANK S. DIGIGLIO
REFERENCE/DOCKET NUMBER: 9606Z
TELECOMMUNICATION INFORMATION:
TELEPHONE: (516) 742-4343
TELEFAX: (516) 742-4366
INFORMATION FOR SEQ ID NO: 495:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-488-551B-495

Query Match 26.4%; Score 7.4; DB 1; Length 10;
Best Local Similarity 88.9%; Pred. No. 66;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 15 ACAGGGAGT 23
DB 10 ACAGGGGTGT 2

RESULT 106
US-08-488-551B-496/C
Sequence 496, Application US/08488551B
Patent No. 6015661
GENERAL INFORMATION:
APPLICANT: Nicholas J. Deacon
APPLICANT: Dale A. McPhee
TITLE OF INVENTION: NON-PATHOGENIC STRAINS OF HIV-1
NUMBER OF SEQUENCES: 841
CORRESPONDENCE ADDRESS:
ADDRESSEE: SCULLY, SCOTT, MURPHY & PRESSER
STREET: 400 GARDEN CITY PLAZA
CITY: GARDEN CITY
STATE: NEW YORK
COUNTRY: U.S.A.
ZIP: 11530-0299
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/488,551B
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PM3864 (AU)
FILING DATE: 14-FEB-1994
APPLICATION NUMBER: PM4002 (AU)
FILING DATE: 21-FEB-1994
APPLICATION NUMBER: PM0284 (AU)
FILING DATE: 23-DEC-1994
APPLICATION NUMBER: US 08/388,353
FILING DATE: 14-FEB-1995
APPLICATION NUMBER: PM3021/95
FILING DATE: 17-MAY-1995
ATTORNEY/AGENT INFORMATION:
NAME: FRANK S. DIGIGLIO
REFERENCE/DOCKET NUMBER: 9606Z
TELECOMMUNICATION INFORMATION:
TELEPHONE: (516) 742-4343
TELEFAX: (516) 742-4366
INFORMATION FOR SEQ ID NO: 496:

SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-488-551B-496

Query Match
Best Local Similarity 26.4%; Score 7.4; DB 1; Length 10;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 15 ACAGGAGT 23
Db 9 ACAGGAGT 1

RESULT 107
US-08-488-551B-657/c
Sequence 657, Application US/08488551B
Patent No. 6015661

GENERAL INFORMATION:
APPLICANT: Nicholas J. Deacon
APPLICANT: Dale A. McPhee
TITLE OF INVENTION: NON-PATHOGENIC STRAINS OF HIV-1
NUMBER OF SEQUENCES: 841
CORRESPONDENCE ADDRESS:
ADDRESSEE: SCUTLY, SCOTT, MURPHY & PRESSER
STREET: 400 GARDEN CITY PLAZA
CITY: GARDEN CITY
STATE: NEW YORK
COUNTRY: U.S.A.
ZIP: 11530-0299

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/488,551B
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PM3864 (AU)
FILING DATE: 14-FEB-1994
APPLICATION NUMBER: PM4002 (AU)
FILING DATE: 21-FEB-1994
APPLICATION NUMBER: PM0284 (AU)
FILING DATE: 23-DEC-1994
APPLICATION NUMBER: US 08/388,353
FILING DATE: 14-FEB-1995
APPLICATION NUMBER: PM3021/95
FILING DATE: 17-MAY-1995
ATTORNEY/AGENT INFORMATION:
NAME: FRANK S. DIGIGLIO
REFERENCE/DOCKET NUMBER: 9606Z
TELECOMMUNICATION INFORMATION:
TELEPHONE: (516) 742-4343
TELEFAX: (516) 742-4366
INFORMATION FOR SEQ ID NO: 657:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-488-551B-657

Query Match
Best Local Similarity 26.4%; Score 7.4; DB 1; Length 10;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 13 GTACAGGGA 21

Db 10 GTACAGGGA 2

RESULT 108
US-08-488-551B-658/c
Sequence 658, Application US/08488551B
Patent No. 6015661

GENERAL INFORMATION:
APPLICANT: Nicholas J. Deacon
APPLICANT: Dale A. McPhee
TITLE OF INVENTION: NON-PATHOGENIC STRAINS OF HIV-1
NUMBER OF SEQUENCES: 841
CORRESPONDENCE ADDRESS:
ADDRESSEE: SCUTLY, SCOTT, MURPHY & PRESSER
STREET: 400 GARDEN CITY PLAZA
CITY: GARDEN CITY
STATE: NEW YORK
COUNTRY: U.S.A.
ZIP: 11530-0299

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/488,551B
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PM3864 (AU)
FILING DATE: 14-FEB-1994
APPLICATION NUMBER: PM4002 (AU)
FILING DATE: 21-FEB-1994
APPLICATION NUMBER: PM0284 (AU)
FILING DATE: 23-DEC-1994
APPLICATION NUMBER: US 08/388,353
FILING DATE: 14-FEB-1995
APPLICATION NUMBER: PM3021/95
FILING DATE: 17-MAY-1995
ATTORNEY/AGENT INFORMATION:
NAME: FRANK S. DIGIGLIO
REFERENCE/DOCKET NUMBER: 9606Z
TELECOMMUNICATION INFORMATION:
TELEPHONE: (516) 742-4343
TELEFAX: (516) 742-4366
INFORMATION FOR SEQ ID NO: 658:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-488-551B-658

Query Match
Best Local Similarity 26.4%; Score 7.4; DB 1; Length 10;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 13 GTACAGGGA 21
Db 9 GTACAGGGA 1

RESULT 109
US-08-488-551B-661
Sequence 661, Application US/08488551B
Patent No. 6015661

GENERAL INFORMATION:
APPLICANT: Nicholas J. Deacon
APPLICANT: Dale A. McPhee
TITLE OF INVENTION: NON-PATHOGENIC STRAINS OF HIV-1

```
NUMBER OF SEQUENCES: 841
CORRESPONDENCE ADDRESS:
  ADDRESS: SCULLY, SCOTT, MURPHY & PRESSER
  STREET: 400 GARDEN CITY PLAZA
  CITY: GARDEN CITY
  STATE: NEW YORK
  COUNTRY: U.S.A.
  ZIP: 11530-0299
COMPUTER READABLE FORM:
  MEDIUM TYPE: Floppy disk
  COMPUTER: IBM PC compatible
  OPERATING SYSTEM: PC-DOS/MS-DOS
  SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
  APPLICATION NUMBER: US/08/488,551B
  FILING DATE: 07-JUN-1995
  PRIOR APPLICATION DATA:
    APPLICATION NUMBER: PM3864 (AU)
    FILING DATE: 14-FEB-1994
    APPLICATION NUMBER: PM4002 (AU)
    FILING DATE: 21-FEB-1994
    APPLICATION NUMBER: PM0284 (AU)
    FILING DATE: 23-DEC-1994
    APPLICATION NUMBER: US 08/388,353
    FILING DATE: 14-FEB-1995
    APPLICATION NUMBER: PN3021/95
    FILING DATE: 17-MAY-1995
    ATTORNEY/AGENT INFORMATION:
      NAME: FRANK S. DIGILIO
      REFERENCE/DOCKET NUMBER: 96062
      TELECOMMUNICATION INFORMATION:
        TELEPHONE: (516) 742-4343
        TELEFAX: (516) 742-4366
    INFORMATION FOR SEQ ID NO: 661:
      SEQUENCE CHARACTERISTICS:
        LENGTH: 10 base pairs
        TYPE: nucleic acid
        STRANDEDNESS: single
        TOPOLOGY: linear
      MOLECULE TYPE: DNA
US-08-488-551B-661

Query Match
Best Local Similarity 26.4%; Score 7.4; DB 1; Length 10;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 12 TGTACAGG 20
Db 2 TGTACTGG 10

RESULT 110
US-08-488-551B-662
Sequence 662, Application US/08488551B
Patent No. 6015661
GENERAL INFORMATION:
  APPLICANT: Nicholas J. Deacon
  APPLICANT: Dale A. McPhee
  TITLE OF INVENTION: NON-PATHOGENIC STRAINS OF HIV-1
  NUMBER OF SEQUENCES: 841
CORRESPONDENCE ADDRESS:
  ADDRESSEE: SCULLY, SCOTT, MURPHY & PRESSER
  STREET: 400 GARDEN CITY PLAZA
  CITY: GARDEN CITY
  STATE: NEW YORK
  COUNTRY: U.S.A.
  ZIP: 11530-0299
COMPUTER READABLE FORM:
  MEDIUM TYPE: Floppy disk
  COMPUTER: IBM PC compatible
  OPERATING SYSTEM: PC-DOS/MS-DOS
  SOFTWARE: PatentIn Release #1.0, Version #1.25
```

```
CURRENT APPLICATION DATA:
  APPLICATION NUMBER: US/08/488,551B
  FILING DATE: 07-JUN-1995
  PRIOR APPLICATION DATA:
    APPLICATION NUMBER: PM3864 (AU)
    FILING DATE: 14-FEB-1994
    APPLICATION NUMBER: PM4002 (AU)
    FILING DATE: 21-FEB-1994
    APPLICATION NUMBER: PM0284 (AU)
    FILING DATE: 23-DEC-1994
    APPLICATION NUMBER: US 08/388,353
    FILING DATE: 14-FEB-1995
    APPLICATION NUMBER: PN3021/95
    FILING DATE: 17-MAY-1995
    ATTORNEY/AGENT INFORMATION:
      NAME: FRANK S. DIGILIO
      REFERENCE/DOCKET NUMBER: 96062
      TELECOMMUNICATION INFORMATION:
        TELEPHONE: (516) 742-4343
        TELEFAX: (516) 742-4366
    INFORMATION FOR SEQ ID NO: 662:
      SEQUENCE CHARACTERISTICS:
        LENGTH: 10 base pairs
        TYPE: nucleic acid
        STRANDEDNESS: single
        TOPOLOGY: linear
      MOLECULE TYPE: DNA
US-08-488-551B-662

Query Match
Best Local Similarity 26.4%; Score 7.4; DB 1; Length 10;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 12 TGTACAGG 20
Db 1 TGTACTGG 9

RESULT 111
US-08-488-551B-813/c
Sequence 813, Application US/08488551B
Patent No. 6015661
GENERAL INFORMATION:
  APPLICANT: Nicholas J. Deacon
  APPLICANT: Dale A. McPhee
  TITLE OF INVENTION: NON-PATHOGENIC STRAINS OF HIV-1
  NUMBER OF SEQUENCES: 841
CORRESPONDENCE ADDRESS:
  ADDRESSEE: SCULLY, SCOTT, MURPHY & PRESSER
  STREET: 400 GARDEN CITY PLAZA
  CITY: GARDEN CITY
  STATE: NEW YORK
  COUNTRY: U.S.A.
  ZIP: 11530-0299
COMPUTER READABLE FORM:
  MEDIUM TYPE: Floppy disk
  COMPUTER: IBM PC compatible
  OPERATING SYSTEM: PC-DOS/MS-DOS
  SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
  APPLICATION NUMBER: US/08/488,551B
  FILING DATE: 07-JUN-1995
  PRIOR APPLICATION DATA:
    APPLICATION NUMBER: PM3864 (AU)
    FILING DATE: 14-FEB-1994
    APPLICATION NUMBER: PM4002 (AU)
    FILING DATE: 21-FEB-1994
    APPLICATION NUMBER: PM0284 (AU)
    FILING DATE: 23-DEC-1994
    APPLICATION NUMBER: US 08/388,353
    FILING DATE: 14-FEB-1995
    APPLICATION NUMBER: PN3021/95
```


FILING DATE: 17-MAY-1995
ATTORNEY/AGENT INFORMATION:
NAME: FRANK S. DIGILIO
REFERENCE/DOCKET NUMBER: 9606Z
TELECOMMUNICATION INFORMATION:
TELEPHONE: (516) 742-4343
TELEFAX: (516) 742-4366
INFORMATION FOR SEQ ID NO: 813:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-488-551B-813

Query Match
Best Local Similarity 26.4%; Score 7.4; DB 1; Length 10;
Matches 8; Conservative 0; Pred. No. 66;
Mismatched 1; Indels 0; Gaps 0;

Qy 15 ACAGGAGT 23
Db 10 ACAGGAGT 2

RESULT 112
US-08-488-551B-814/c
Sequence 814, Application US/08488551B
Patent No. 6015661
GENERAL INFORMATION:
APPLICANT: Nicholas J. Deacon
APPLICANT: Dale A. McPhee
APPLICANT: David Cooper
TITLE OF INVENTION: NON-PATHOGENIC STRAINS OF HIV-1
NUMBER OF SEQUENCES: 841
CORRESPONDENCE ADDRESS:
ADDRESSEE: SCULLY, SCOTT, MURPHY & PRESSER
STREET: 400 GARDEN CITY PLAZA
CITY: GARDEN CITY
STATE: NEW YORK
COUNTRY: U.S.A.
ZIP: 11530-0299
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/488,551B
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PM3864 (AU)
FILING DATE: 14-FEB-1994
APPLICATION NUMBER: PM4002 (AU)
FILING DATE: 21-FEB-1994
APPLICATION NUMBER: PM0284 (AU)
FILING DATE: 23-DEC-1994
APPLICATION NUMBER: US 08/388,353
FILING DATE: 14-FEB-1995
APPLICATION NUMBER: PM3021/95
FILING DATE: 17-MAY-1995
ATTORNEY/AGENT INFORMATION:
NAME: FRANK S. DIGILIO
REFERENCE/DOCKET NUMBER: 9606Z
TELECOMMUNICATION INFORMATION:
TELEPHONE: (516) 742-4343
TELEFAX: (516) 742-4366
INFORMATION FOR SEQ ID NO: 814:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

MOLECULE TYPE: DNA
US-08-488-551B-814

Query Match
Best Local Similarity 26.4%; Score 7.4; DB 1; Length 10;
Matches 8; Conservative 0; Pred. No. 66;
Mismatched 1; Indels 0; Gaps 0;

Qy 15 ACAGGAGT 23
Db 9 ACAGGAGT 1

RESULT 113
US-08-522-384-34/c
Sequence 34, Application US/08522384
Patent No. 6110667
GENERAL INFORMATION:
APPLICANT: NIGAM, SANDAY KUMAR
TITLE OF INVENTION: PROCESSES, APPARATUS AND COMPOSITIONS FOR
FILE REFERENCE: 2458-4029
CURRENT FILING DATE: 1996-11-15
NUMBER OF SEQ ID NOS: 122
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 34
LENGTH: 10
TYPE: DNA
ORGANISM: Unknown Organism
FEATURE:
OTHER INFORMATION: Description of Unknown Organism: Primer
US-08-522-384-34

Query Match
Best Local Similarity 26.4%; Score 7.4; DB 1; Length 10;
Matches 8; Conservative 0; Pred. No. 66;
Mismatched 1; Indels 0; Gaps 0;

Qy 12 TGTACAGG 20
Db 10 TGTACATG 2

RESULT 114
US-09-425-798-12/c
Sequence 12, Application US/09425798A
Patent No. 6423493
GENERAL INFORMATION:
APPLICANT: Gorenstein Dr., David G.
APPLICANT: King Dr., David J.
APPLICANT: Ventura, Daniel A.
TITLE OF INVENTION: Combinatorial Selection of Phosphothionate
FILE REFERENCE: 122144-1005
CURRENT FILING DATE: US/09/425,798A
PRIOR FILING DATE: 1999-10-25
APPLICATION NUMBER: 60/105,600
NUMBER OF SEQ ID NOS: 15
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 12
LENGTH: 10
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: aptamer
US-09-425-798-12

Query Match
Best Local Similarity 26.4%; Score 7.4; DB 1; Length 10;
Matches 8; Conservative 0; Pred. No. 66;
Mismatched 1; Indels 0; Gaps 0;

QY 10 CCGTGTACAG 18
| | | | |
Db 10 CAGGTACAG 2

RESULT 115

US-09-154-750A-17/c
; Sequence 17, Application US/09154750A
; Patent No. 6432640
; GENERAL INFORMATION:
; APPLICANT: Vogelstein, Bert
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Polyak, Kornelia
; TITLE OF INVENTION: p53-Induced Apoptosis
; FILE REFERENCE: 1107.75357
; CURRENT APPLICATION NUMBER: US/09/154,750A
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: 60/059,153
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/079817
; NUMBER OF SEQ ID NOS: 93
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 17
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-154-750A-17

Query Match 26.4%; Score 7.4; DB 1; Length 10;
Best Local Similarity 88.9%; Pred. No. 66;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 16 CAGGAGATC 24
| | | | |
Db 10 CAGGAGATC 2

RESULT 116

US-09-154-750A-37
; Sequence 37, Application US/09154750A
; Patent No. 6432640
; GENERAL INFORMATION:
; APPLICANT: Vogelstein, Bert
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Polyak, Kornelia
; TITLE OF INVENTION: p53-Induced Apoptosis
; FILE REFERENCE: 1107.75357
; CURRENT APPLICATION NUMBER: US/09/154,750A
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: 60/059,153
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/079817
; NUMBER OF SEQ ID NOS: 93
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 37
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-154-750A-37

Query Match 26.4%; Score 7.4; DB 1; Length 10;
Best Local Similarity 88.9%; Pred. No. 66;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 8 TACGTGTAC 16
| | | | |
Db 2 TACGTGTAC 10

RESULT 117
US-09-462-561B-26/c

; Sequence 26, Application US/09462561B
; Patent No. 6455252
; GENERAL INFORMATION:
; APPLICANT: Wade, Nicholas M.
; APPLICANT: Harrison, Bruce T.
; APPLICANT: King, Brian W.
; APPLICANT: Reed, Kenneth C.
; APPLICANT: Murphy, Kathleen M.
; TITLE OF INVENTION: DETERMINATION OF GENETIC SEX IN EQUINE SPECIES BY
; FILE REFERENCE: Wade et al
; CURRENT APPLICATION NUMBER: US/09/462,561B
; PRIOR FILING DATE: 2000-03-22
; PRIOR APPLICATION NUMBER: P07802
; PRIOR FILING DATE: 1997-07-09
; PRIOR APPLICATION NUMBER: PCT/AU98/00533
; PRIOR FILING DATE: 1998-07-08
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 26
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Equus caballus
US-09-462-561B-26

Query Match 26.4%; Score 7.4; DB 1; Length 10;
Best Local Similarity 88.9%; Pred. No. 66;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5 CCTTACGTG 13
| | | | |
Db 10 CCTTACGTG 2

RESULT 118

US-09-301-721A-27/c
; Sequence 27, Application US/09301721A
; Patent No. 6506561
; GENERAL INFORMATION:
; APPLICANT: CHEVAL, Lydie
; APPLICANT: ELALOUF, Jean-Marc
; APPLICANT: VIRLON, Berangere
; TITLE OF INVENTION: MICROASSAY FOR SERIAL ANALYSIS OF GENE EXPRESSION AND
; FILE REFERENCE: 0846-0499-0X
; CURRENT APPLICATION NUMBER: US/09/301,721A
; PRIOR FILING DATE: 1999-04-29
; PRIOR APPLICATION NUMBER: EPO 99400189.9
; PRIOR FILING DATE: 1999-01-27
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 27
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:synthetic DNA
US-09-301-721A-27

Query Match 26.4%; Score 7.4; DB 1; Length 10;
Best Local Similarity 88.9%; Pred. No. 66;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 13 GTACAGGGA 21
| | | | |
Db 10 GCAAGGGA 2

RESULT 119
US-09-508-753B-160/c
; Sequence 160, Application US/09508753B
; Patent No. 6544736
; GENERAL INFORMATION:

```
APPLICANT: Akira SHIMAMOTO
APPLICANT: Yasuhiro FURUICHI
APPLICANT: Yuko SHIBATA
APPLICANT: Hiroyo FURUKI
APPLICANT: Eiji OHARA
APPLICANT: Masanori WATAHIKI
TITLE OF INVENTION: Method for synthesizing cDNA from mRNA sample
FILE REFERENCE: 00162/HG
CURRENT APPLICATION NUMBER: US/09/508,753B
CURRENT FILING DATE: 2000-06-16
PRIORITY FILING DATE: 1997-09-18
PRIORITY FILING DATE: 1997-09-18
NUMBER OF SEQ ID NOS: 472
SEQ ID NO 160
LENGTH: 10
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-508-753B-160
```

```
Query Match      26.4%; Score 7.4; DB 1; Length 10;
Best Local Similarity 88.9%; Pred. No. 66;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      19 GGAGTCCAG 27
Db      10 GGAGTCCAG 2
```

```
RESULT 120
US-09-769-482-18/c
; Sequence 18; Application US/09769482
; Patent No. 6566130
; GENERAL INFORMATION:
; APPLICANT: SRIVASTAVA, SHIV
; APPLICANT: MOUL, JUDD W.
; APPLICANT: XU, LINDA L.
; APPLICANT: SEGAWA, TAKEHIKO
; TITLE OF INVENTION: PROSTATE-SPECIFIC ANDROGEN-SIGNALING-ASSOCIATED
; TITLE OF INVENTION: POTNUCLEOTIDE ARRAY
; FILE REFERENCE: 04995.0057-00000
; CURRENT APPLICATION NUMBER: US/09/769,482
; CURRENT FILING DATE: 2001-01-26
; PRIORITY FILING DATE: 60/178,772
; PRIORITY FILING DATE: 2000-01-28
; PRIORITY FILING DATE: 2000-01-31
; PRIORITY FILING DATE: 2000-01-31
; NUMBER OF SEQ ID NOS: 67
; SOFTWARE: Patentln Ver. 2.1
; SEQ ID NO 18
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-769-482-18
```

```
Query Match      26.4%; Score 7.4; DB 1; Length 10;
Best Local Similarity 88.9%; Pred. No. 66;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      11 GTGTACAG 19
Db      9 GGGTACAG 1

RESULT 121
US-09-504-132-10/c
; Sequence 10; Application US/09504132
; Patent No. 6582899
; GENERAL INFORMATION:
```

```
APPLICANT: Kamb, Carl Alexander
APPLICANT: Caponigro, Giordano Michael
TITLE OF INVENTION: METHODS FOR IDENTIFYING AGENTS THAT CAUSE A LETHAL
TITLE OF INVENTION: PHENOTYPE, AND AGENTS THEREOF
FILE REFERENCE: 29345/36169
CURRENT APPLICATION NUMBER: US/09/504,132
CURRENT FILING DATE: 2000-02-15
NUMBER OF SEQ ID NOS: 26
SOFTWARE: Patentln Ver. 2.0
SEQ ID NO 10
LENGTH: 10
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: synthetic -
US-09-504-132-10
```

```
Query Match      26.4%; Score 7.4; DB 1; Length 10;
Best Local Similarity 88.9%; Pred. No. 66;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      20 GAGTCCAG 28
Db      10 GAGTCCAG 2
```

```
RESULT 122
US-09-989-789-1630
; Sequence 1630; Application US/09989789
; Patent No. 6588746
; GENERAL INFORMATION:
; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS
; FILE REFERENCE: 8325-0011.20 / S11-US2
; CURRENT APPLICATION NUMBER: US/09/989,789
; CURRENT FILING DATE: 2002-03-25
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 1630
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
US-09-989-789-1630
```

```
Query Match      26.4%; Score 7.4; DB 1; Length 10;
Best Local Similarity 88.9%; Pred. No. 66;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      17 AGGAGTCC 25
Db      2 AGGAGTCC 10

RESULT 123
US-09-989-789-1631
; Sequence 1631; Application US/09989789
; Patent No. 6588746
; GENERAL INFORMATION:
; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS
; FILE REFERENCE: 8325-0011.20 / S11-US2
; CURRENT APPLICATION NUMBER: US/09/989,789
; CURRENT FILING DATE: 2002-03-25
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 1631
; LENGTH: 10
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: example target
US-09-989-789-1631

Query Match
Best Local Similarity 26.4%; Score 7.4; DB 1; Length 10;
Pred. No. 66;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 17 AGGAGTCC 25
DB 2 AGGAGTTC 10

RESULT 124
US-07-951-715A-55/C
Sequence 55, Application US/07951715A
Patent No. 5625136
GENERAL INFORMATION:
APPLICANT: Kozziel, Michael G.
APPLICANT: Desai, Nalini M.
APPLICANT: Lewis, Kelly S.
APPLICANT: Kramer, Vance C.
APPLICANT: Warren, Gregory W.
APPLICANT: Evola, Stephen V.
APPLICANT: Crossland, Lyle D.
APPLICANT: Wright, Martha S.
APPLICANT: Merlin, Ellis J.
APPLICANT: Launis, Karen L.
APPLICANT: Rotheisen, Steven J.
APPLICANT: Bowman, Cindy G.
APPLICANT: Dawson, John L.
APPLICANT: Dunder, Erik M.
APPLICANT: Pace, Gary M.
APPLICANT: Suttie, Janet L.
TITLE OF INVENTION: SYNTHETIC DNA SEQUENCE HAVING ENHANCED
NUMBER OF SEQUENCES: 94
INSECTICIDAL ACTIVITY IN MAIZE
CORRESPONDENCE ADDRESS:
ADDRESSEE: CIBA-GEIGY Corporation
STREET: 7 Skyline Drive
CITY: Hawthorne
STATE: New York
COUNTRY: USA
ZIP: 10532
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30B
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/951,715A
FILING DATE: 25-SEP-1992
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/772,027
FILING DATE: 04-OCT-1991
ATTORNEY/AGENT INFORMATION:
NAME: Spivill, W. Murray
REGISTRATION NUMBER: 32,943
REFERENCE/DOCKET NUMBER: S-18805/A/CSC 1577/CIP
TELEPHONE: (919)541-8615
TELEFAX: (919)541-8689
INFORMATION FOR SEQ ID NO: 55:
SEQUENCE CHARACTERISTICS:
LENGTH: 11 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid

DESCRIPTION: /desc = "primer for third quarter -
DESCRIPTION: First half"
HYPOTHETICAL: NO
US-07-951-715A-55

Query Match
Best Local Similarity 26.4%; Score 7.4; DB 1; Length 11;
Pred. No. 80;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 14 TACAGGAG 22
DB 11 TACAGGCG 3

RESULT 125
US-08-459-448A-55/C
Sequence 55, Application US/08459448A
Patent No. 5859336
GENERAL INFORMATION:
APPLICANT: Kozziel, Michael G.
APPLICANT: Desai, Nalini M.
APPLICANT: Lewis, Kelly S.
APPLICANT: Kramer, Vance C.
APPLICANT: Warren, Gregory W.
APPLICANT: Evola, Stephen V.
APPLICANT: Crossland, Lyle D.
APPLICANT: Wright, Martha S.
APPLICANT: Merlin, Ellis J.
APPLICANT: Launis, Karen L.
APPLICANT: Rotheisen, Steven J.
APPLICANT: Bowman, Cindy G.
APPLICANT: Dawson, John L.
APPLICANT: Dunder, Erik M.
APPLICANT: Pace, Gary M.
APPLICANT: Suttie, Janet L.
TITLE OF INVENTION: SYNTHETIC DNA SEQUENCE HAVING ENHANCED
NUMBER OF SEQUENCES: 94
INSECTICIDAL ACTIVITY IN MAIZE
CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 5859336artis Corporation
STREET: Patent & Trademark Dept., 520 White Plains
STREET: Rd., POB 2005
CITY: Tarrytown
STATE: New York
COUNTRY: USA
ZIP: 10591-9005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/459,448A
FILING DATE: 02-JUN-1995
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/951,715
FILING DATE: 25-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: Pace, Gary M.
REGISTRATION NUMBER: 40403
REFERENCE/DOCKET NUMBER: CGC 1577/CIP/DIV4
TELEPHONE: (919)541-8582
TELEFAX: (919)541-8689
INFORMATION FOR SEQ ID NO: 55:
SEQUENCE CHARACTERISTICS:
LENGTH: 11 base pairs
TYPE: nucleic acid
STRANDEDNESS: single

TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer for third quarter -
HYPOTHETICAL: first half"
US-08-459-448A-55

Query Match 26.4%; Score 7.4; DB 1; Length 11;
Best Local Similarity 88.9%; Pred. No. 80;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 14 TACAGGAG 22
Db 11 TACAGGGG 3

RESULT 126
US-08-459-595A-55/C
Sequence 55, Application US/08459595A
Patent No. 6018104
GENERAL INFORMATION:

APPLICANT: Koziel, Michael G.
APPLICANT: Desai, Nalini M.
APPLICANT: Lewis, Kelly S.
APPLICANT: Kramer, Vance C.
APPLICANT: Warren, Gregory W.
APPLICANT: Evola, Stephen V.
APPLICANT: Crossland, Lyle D.
APPLICANT: Wright, Martha S.
APPLICANT: Merlin, Ellis J.
APPLICANT: Launis, Karen L.
APPLICANT: Rothelein, Steven J.
APPLICANT: Bowman, Cindy G.
APPLICANT: Dawson, John L.
APPLICANT: Dunder, Erik M.
APPLICANT: Pace, Gary M.
APPLICANT: Suttie, Janet L.
TITLE OF INVENTION: SYNTHETIC DNA SEQUENCE HAVING ENHANCED
TITLE OF INVENTION: INSECTICIDAL ACTIVITY IN MAIZE
NUMBER OF SEQUENCES: 94
CORRESPONDENCE ADDRESS:
ADDRESSER: No. 6018104artis Corporation
STREET: Patent & Trademark Dept., 520 White Plains
STREET: Rd., POB 2005
CITY: Tarrytown
STATE: New York
COUNTRY: USA
ZIP: 10591-9005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/459,595A
FILING DATE: 02-JUN-1995
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/951,715
FILING DATE: 25-SEP-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/772,027
FILING DATE: 04-OCT-1991
ATTORNEY/AGENT INFORMATION:
NAME: Pace, Gary M.
REGISTRATION NUMBER: 40403
REFERENCE/DOCKET NUMBER: CGC 1577/CIP/DIV3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919)541-8582
TELEFAX: (919)541-8689
INFORMATION FOR SEQ ID NO: 55:
SEQUENCE CHARACTERISTICS:
LENGTH: 11 base pairs

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer for third quarter -
HYPOTHETICAL: first half"
US-08-459-595A-55

Query Match 26.4%; Score 7.4; DB 1; Length 11;
Best Local Similarity 88.9%; Pred. No. 80;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 14 TACAGGAG 22
Db 11 TACAGGGG 3

RESULT 127
US-08-459-504B-55/C
Sequence 55, Application US/08459504B
Patent No. 6075185
GENERAL INFORMATION:

APPLICANT: Koziel, Michael G.
APPLICANT: Desai, Nalini M.
APPLICANT: Lewis, Kelly S.
APPLICANT: Kramer, Vance C.
APPLICANT: Warren, Gregory W.
APPLICANT: Evola, Stephen V.
APPLICANT: Crossland, Lyle D.
APPLICANT: Wright, Martha S.
APPLICANT: Merlin, Ellis J.
APPLICANT: Launis, Karen L.
APPLICANT: Rothelein, Steven J.
APPLICANT: Bowman, Cindy G.
APPLICANT: Dawson, John L.
APPLICANT: Dunder, Erik M.
APPLICANT: Pace, Gary M.
APPLICANT: Suttie, Janet L.
TITLE OF INVENTION: SYNTHETIC DNA SEQUENCE HAVING ENHANCED
TITLE OF INVENTION: INSECTICIDAL ACTIVITY IN MAIZE
NUMBER OF SEQUENCES: 94
CORRESPONDENCE ADDRESS:
ADDRESSER: No. 6075185artis Corporation
STREET: 3054 Cornwallis Road
CITY: Research Triangle Park
STATE: NC
COUNTRY: USA
ZIP: 27709
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/459,504B
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/459,595
FILING DATE: 02-JUN-1995
APPLICATION NUMBER: US 07/951,715
FILING DATE: 25-SEP-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/772,027
FILING DATE: 04-OCT-1991
ATTORNEY/AGENT INFORMATION:
NAME: Meigs, J. Timothy
REGISTRATION NUMBER: 38,241
REFERENCE/DOCKET NUMBER: CGC1577/CIP/DIV
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919)541-8587
TELEFAX: (919)541-8689

INFORMATION FOR SEQ ID NO: 55:
SEQUENCE CHARACTERISTICS:
LENGTH: 11 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer for third quarter -
first half"
HYPOTHEICAL: NO
US-08-459-504B-55

Query Match 26.4%; Score 7.4; DB 1; Length 11;
Best Local Similarity 88.9%; Pred. No. 80;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 14 TACAGGGAG 22
DB 11 TACAGGGGG 3

RESULT 128

US-08-459-444-55/C
Sequence 55, Application US/08459444A
Patent No. 6121014

GENERAL INFORMATION:

APPLICANT: Koziel, Michael G.
Desai, Nalini M.
Lewis, Kelly S.
Kramer, Vance C.
Warren, Gregory W.
Evola, Stephen V.
Crossland, Lyle D.
Wright, Martha S.
Merlin, Ellis J.
Launis, Karen L.

TITLE OF INVENTION: METHOD FOR PRODUCING A PLANT-OPTIMIZED
NUCLEIC ACID CODING SEQUENCE

NUMBER OF SEQUENCES: 94
CORRESPONDENCE ADDRESS:

ADDRESSEE: No. 6121014artis Agribusiness Biotechnology Research, Inc.
STREET: 3054 Cornwallis Road
CITY: Research Triangle Park
STATE: NC
COUNTRY: USA
ZIP: 27709

COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/459,444A
FILING DATE: 02-Jun-1995
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/951,715
FILING DATE: 25-SEP-1992
APPLICATION NUMBER: US 07/772,027
FILING DATE: 04-OCT-1991

ATTORNEY/AGENT INFORMATION:

NAME: Meigs, J. Timothy
REGISTRATION NUMBER: 38,241
REFERENCE/DOCKET NUMBER: S-18805/PL/CGC1577/CIP/DIV6
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919)541-8587
TELEFAX: (919)541-8689

INFORMATION FOR SEQ ID NO: 55:

SEQUENCE CHARACTERISTICS:
LENGTH: 11 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer for third quarter -
first half"
HYPOTHEICAL: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 55:
US-08-459-444-55

Query Match 26.4%; Score 7.4; DB 1; Length 11;
Best Local Similarity 88.9%; Pred. No. 80;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 14 TACAGGGAG 22
DB 11 TACAGGGGG 3

RESULT 129

US-09-547-422-55/C
Sequence 55, Application US/09547422
Patent No. 6120100

GENERAL INFORMATION:

APPLICANT: Koziel, Michael G.
Desai, Nalini M.
Lewis, Kelly S.
Kramer, Vance C.
Warren, Gregory W.
Evola, Stephen V.
Crossland, Lyle D.
Wright, Martha S.
Merlin, Ellis J.
Launis, Karen L.

TITLE OF INVENTION: SYNTHETIC DNA SEQUENCE HAVING ENHANCED
INSECTICIDAL ACTIVITY IN MAIZE

NUMBER OF SEQUENCES: 94
CORRESPONDENCE ADDRESS:

ADDRESSEE: No. 6120100artis Agribusiness Biotechnology Research, Inc.
STREET: 3054 Cornwallis Road
CITY: Research Triangle Park
STATE: NC
COUNTRY: USA
ZIP: 27709

COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US 09/547,422
FILING DATE: 11-Apr-2000
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/459,595
FILING DATE: 02-JUN-1995
APPLICATION NUMBER: US 07/951,715
FILING DATE: 25-SEP-1992
APPLICATION NUMBER: US 07/772,027
FILING DATE: 04-OCT-1991

ATTORNEY/AGENT INFORMATION:

NAME: Meigs, J. Timothy
REGISTRATION NUMBER: 38,241
REFERENCE/DOCKET NUMBER: S-18805H
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919)541-8587
TELEFAX: (919)541-8689

INFORMATION FOR SEQ ID NO: 55:

SEQUENCE CHARACTERISTICS:
LENGTH: 11 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer for third quarter -
first half"
HYPOTHEICAL: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 55:

US-09-547-422-55

Query Match 26.4%; Score 7.4; DB 1; Length 11;
Best Local Similarity 88.9%; Pred. No. 80;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 14 TACAGGAG 22
DB 11 TACAGGAG 3

RESULT 130

US-09-153-242-29
; Sequence 29, Application US/09153242
; Patent No. 6482592
; GENERAL INFORMATION:
; APPLICANT: Lundberg, Joakim
; APPLICANT: Uhlen, Mathias
; TITLE OF INVENTION: MODULAR PROBES II
; FILE REFERENCE: 1181-242
; CURRENT APPLICATION NUMBER: US/09/153,242
; PRIOR FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: PCT/GB97/02629
; PRIOR FILING DATE: 1997-09-26
; NUMBER OF SEQ ID NOS: 63
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 29
; TYPE: DNA
; LENGTH: 11
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-153-242-29

Query Match 26.4%; Score 7.4; DB 1; Length 11;
Best Local Similarity 88.9%; Pred. No. 80;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2 GGGCCCTAC 10
DB 3 GGGCCCTCC 11

RESULT 131

US-09-249-155A-61/c
; Sequence 61, Application US/09249155A
; Patent No. 6538173
; GENERAL INFORMATION:
; APPLICANT: Heber-Katz, Ellen
; TITLE OF INVENTION: Compositions and Methods for Wound
; FILE REFERENCE: 00486.78503
; CURRENT APPLICATION NUMBER: US/09/249,155A
; PRIOR FILING DATE: 1999-02-12
; PRIOR APPLICATION NUMBER: US 60/074,737
; PRIOR FILING DATE: 1998-02-13
; PRIOR APPLICATION NUMBER: US 60/097,937
; PRIOR FILING DATE: 1998-08-26
; PRIOR APPLICATION NUMBER: US 60/102,051
; PRIOR FILING DATE: 1998-09-28
; NUMBER OF SEQ ID NOS: 346
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 61
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-249-155A-61

Query Match 26.4%; Score 7.4; DB 1; Length 11;
Best Local Similarity 88.9%; Pred. No. 80;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 11 GTGTACAGG 19
DB 11 GTGTCCAGG 3

RESULT 132

US-09-249-155A-162
; Sequence 162, Application US/09249155A
; Patent No. 6538173
; GENERAL INFORMATION:
; APPLICANT: Heber-Katz, Ellen
; TITLE OF INVENTION: Compositions and Methods for Wound
; FILE REFERENCE: 00486.78503
; CURRENT APPLICATION NUMBER: US/09/249,155A
; PRIOR FILING DATE: 1999-02-12
; PRIOR APPLICATION NUMBER: US 60/074,737
; PRIOR FILING DATE: 1998-02-13
; PRIOR APPLICATION NUMBER: US 60/097,937
; PRIOR FILING DATE: 1998-08-26
; PRIOR APPLICATION NUMBER: US 60/102,051
; PRIOR FILING DATE: 1998-09-28
; NUMBER OF SEQ ID NOS: 346
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 162
; TYPE: DNA
; LENGTH: 11
; ORGANISM: Mus musculus
US-09-249-155A-162

Query Match 26.4%; Score 7.4; DB 1; Length 11;
Best Local Similarity 88.9%; Pred. No. 80;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 13 GTTACAGGA 21
DB 3 GTTCCAGGA 11

RESULT 133

US-09-249-155A-203/c
; Sequence 203, Application US/09249155A
; Patent No. 6538173
; GENERAL INFORMATION:
; APPLICANT: Heber-Katz, Ellen
; TITLE OF INVENTION: Compositions and Methods for Wound
; FILE REFERENCE: 00486.78503
; CURRENT APPLICATION NUMBER: US/09/249,155A
; PRIOR FILING DATE: 1999-02-12
; PRIOR APPLICATION NUMBER: US 60/074,737
; PRIOR FILING DATE: 1998-02-13
; PRIOR APPLICATION NUMBER: US 60/097,937
; PRIOR FILING DATE: 1998-08-26
; PRIOR APPLICATION NUMBER: US 60/102,051
; PRIOR FILING DATE: 1998-09-28
; NUMBER OF SEQ ID NOS: 346
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 203
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-249-155A-203

Query Match 26.4%; Score 7.4; DB 1; Length 11;
Best Local Similarity 88.9%; Pred. No. 80;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 11 GTGTACAGG 19
DB 11 GTTCCAGG 3

```
RESULT 134
US-09-249-155A-231/C
; Sequence 231, Application US/09249155A
; Patent No. 6538173
; GENERAL INFORMATION:
; APPLICANT: Heber-Katz, Ellen
; TITLE OF INVENTION: Compositions and Methods for Wound
; FILE REFERENCE: 00486.78503
; CURRENT APPLICATION NUMBER: US/09/249,155A
; PRIOR FILING DATE: 1999-02-12
; PRIOR APPLICATION NUMBER: US 60/074,737
; PRIOR FILING DATE: 1998-02-13
; PRIOR APPLICATION NUMBER: US 60/097,937
; PRIOR FILING DATE: 1998-08-26
; PRIOR APPLICATION NUMBER: US 60/102,051
; PRIOR FILING DATE: 1998-09-28
; NUMBER OF SEQ ID NOS: 346
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 231
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-249-155A-231
```

```
Query Match          26.4%; Score 7.4; DB 1; Length 11;
Best Local Similarity 88.9%; Pred. No. 80;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      16 CAGGAGAGTC 24
        |||||
Db       11 CAGGAGAGAC 3
```

```
RESULT 135
US-08-633-792A-6
; Sequence 6, Application US/08633792A
; Patent No. 5837694
; GENERAL INFORMATION:
; APPLICANT: Barrett, Graham L
; TITLE OF INVENTION: A METHOD FOR ENHANCING NEURONE SURVIVAL
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Scully, Scott, Murphy & Presser
; STREET: 400 Garden City Plaza
; CITY: Garden City
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 11530
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/633,792A
; FILING DATE: 01-JUL-1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: AU PM/1870
; FILING DATE: 18-OCT-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Digilio, Frank S.
; REGISTRATION NUMBER: 31,346
; REFERENCE/DOCKET NUMBER: 10062
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (516)742-4343
; TELEFAX: (516)742-4366
; TELEX: 230 901 SANS UR
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
```

```
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA oligonucleotide"
US-08-633-792A-6
```

```
Query Match          26.4%; Score 7.4; DB 1; Length 18;
Best Local Similarity 64.7%; Pred. No. 1.5e+02;
Matches 11; Conservative 0; Mismatches 6; Indels 0; Gaps 0;
```

```
QY      11 GTGTACAGGAGTCGAC 27
        |||||
Db       2 GTGACTCGCTGTACG 18
```

```
RESULT 136
US-09-075-717A-6
; Sequence 6, Application US/09075717A
; Patent No. 6174869
; GENERAL INFORMATION:
; APPLICANT: Barrett, Graham L
; TITLE OF INVENTION: A METHOD FOR ENHANCING NEURONE SURVIVAL
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Scully, Scott, Murphy & Presser
; STREET: 400 Garden City Plaza
; CITY: Garden City
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 11530
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/075,717A
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/633,792
; FILING DATE: 01-JUL-1996
; APPLICATION NUMBER: AU PM/1870
; FILING DATE: 18-OCT-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Digilio, Frank S.
; REGISTRATION NUMBER: 31,346
; REFERENCE/DOCKET NUMBER: 10062
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (516)742-4343
; TELEFAX: (516)742-4366
; TELEX: 230 901 SANS UR
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; type: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA oligonucleotide"
US-09-075-717A-6
```

```
Query Match          26.4%; Score 7.4; DB 1; Length 18;
Best Local Similarity 64.7%; Pred. No. 1.5e+02;
Matches 11; Conservative 0; Mismatches 6; Indels 0; Gaps 0;
```

```
QY      11 GTGTACAGGAGTCGAC 27
        |||||
Db       2 GTGACTCGCTGTACG 18
```


RESULT 137
US-08-327-525A-35
Sequence 35, Application US/08327525A
Patent No. 5795716
GENERAL INFORMATION:
APPLICANT: Chee, Mark S.
APPLICANT: Mang, Chunwei
APPLICANT: Devons, Luis C.
APPLICANT: Bernhart, Derek H.
APPLICANT: Lipschutz, Robert J.
TITLE OF INVENTION: Computer-Aided Visualization and
TITLE OF INVENTION: Analysis System for Sequence Evaluation
Patent No. 5795716
NUMBER OF SEQUENCES: 39
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/327,525A
FILING DATE: October 21, 1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: No. 5795716v1e1, Vernon A.
REGISTRATION NUMBER: 32,483
REFERENCE/DOCKET NUMBER: 16528X-82
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-326-2400
TELEFAX: 415-326-2422
INFORMATION FOR SEQ ID NO: 35:
SEQUENCE CHARACTERISTICS:
LENGTH: 11 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (oligonucleotide)
US-08-327-525A-35
Query Match 25.7%; Score 7.2; DB 1; Length 11;
Best Local Similarity 75.0%; Pred. No. 90;
Matches 6; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
CY 15 ACAGGGAG 22
DB 1 ACAGGGRR 8
RESULT 138
US-08-531-137B-35
Sequence 35, Application US/08531137B
Patent No. 5974164
GENERAL INFORMATION:
APPLICANT: Chee, Mark S.
TITLE OF INVENTION: Computer-Aided Visualization and
TITLE OF INVENTION: Analysis System for Sequence Evaluation
Patent No. 5974164
NUMBER OF SEQUENCES: 39
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Rittler, Van Pelt & Yi LLP
STREET: 4906 El Camino Real, Suite 205
CITY: Los Altos
STATE: California
COUNTRY: USA
ZIP: 94022
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/531,137B
FILING DATE: October 16, 1995
CLASSIFICATION: 382
ATTORNEY/AGENT INFORMATION:
NAME: Rittler, Michael J.
REGISTRATION NUMBER: 36,653
REFERENCE/DOCKET NUMBER: AFFYP006
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-903-3500
TELEFAX: 650-903-3501
INFORMATION FOR SEQ ID NO: 35:
SEQUENCE CHARACTERISTICS:
LENGTH: 11 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (oligonucleotide)
US-08-531-137B-35
Query Match 25.7%; Score 7.2; DB 1; Length 11;
Best Local Similarity 75.0%; Pred. No. 90;
Matches 6; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
CY 15 ACAGGGAG 22
DB 1 ACAGGGRR 8
RESULT 139
US-09-158-765-35
Sequence 35, Application US/09158765
Patent No. 6242180
GENERAL INFORMATION:
APPLICANT: Chee, Mark S.
TITLE OF INVENTION: Computer-Aided Visualization and
TITLE OF INVENTION: Analysis System for Sequence Evaluation
Patent No. 6242180
NUMBER OF SEQUENCES: 39
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Rittler, Van Pelt & Yi LLP
STREET: 4906 El Camino Real, Suite 205
CITY: Los Altos
STATE: California
COUNTRY: USA
ZIP: 94022
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/158,765
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/531,137
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Rittler, Michael J.
REGISTRATION NUMBER: 36,653
REFERENCE/DOCKET NUMBER: AFFYP006
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-903-3500
TELEFAX: 650-903-3501
INFORMATION FOR SEQ ID NO: 35:
SEQUENCE CHARACTERISTICS:
LENGTH: 11 base pairs
TYPE: nucleic acid

```

; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (oligonucleotide)
US-09-158-765-35
Query Match
  Best Local Similarity 25.7%; Score 7.2; DB 1; Length 11;
  Matches 6; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 15 ACAGGGAG 22
  |||||
  1 ACAGGGRR 8

RESULT 140
US-09-796-071-35
; Sequence 35, Application US/09796071
; Patent No. 6607887
; GENERAL INFORMATION:
; APPLICANT: Chae, Mark S.
; TITLE OF INVENTION: Computer-Aided Visualization and
; Analysis System for Sequence Evaluation
; Patent No. 6607887
; NUMBER OF SEQUENCES: 39
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Ritter, Van Pelt & Yi LLP
; STREET: 4906 El Camino Real, Suite 205
; CITY: Los Alcos
; STATE: California
; COUNTRY: USA
; ZIP: 94022
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/796,071
; FILING DATE: 27-Feb-2001
; CLASSIFICATION: <Unknown>
; PRIORITY DATA:
; APPLICATION NUMBER: 08/531,137
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Ritter, Michael J.
; REGISTRATION NUMBER: 36,653
; REFERENCE/DOCKET NUMBER: AFYP006
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-903-3500
; TELEFAX: 650-903-3501
; INFORMATION FOR SEQ ID NO: 35:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 11 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (oligonucleotide)
; SEQUENCE DESCRIPTION: SEQ ID NO: 35:
US-09-796-071-35

Query Match
  Best Local Similarity 25.7%; Score 7.2; DB 1; Length 11;
  Matches 6; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 15 ACAGGGAG 22
  |||||
  1 ACAGGGRR 8

RESULT 141
US-09-281-418-107
; Sequence 107, Application US/09281418
; Patent No. 6287769
```

```

; GENERAL INFORMATION:
; APPLICANT: Inoue, Takakazu
; TITLE OF INVENTION: Method of Amplifying DNA Fragment, Apparatus for Amplifying DNA
; TITLE OF INVENTION: agment, Method of Assaying Microorganisms, Method of Analyzing
; TITLE OF INVENTION: nisms and Method of Assaying Contaminant
; FILE REFERENCE: 9982-7
; CURRENT APPLICATION NUMBER: US/09/281,418
; CURRENT FILING DATE: 1999-03-30
; EARLIER APPLICATION NUMBER: JP/1998/87651
; EARLIER FILING DATE: 1998-03-31
; EARLIER APPLICATION NUMBER: JP/1999/69694
; EARLIER FILING DATE: 1999-03-16
; NUMBER OF SEQ ID NOS: 216
; SEQ ID NO 107
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-281-418-107

Query Match
  Best Local Similarity 25.7%; Score 7.2; DB 1; Length 12;
  Matches 9; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 11 GTGTACAGGAG 22
  |||||
  1 GAGTACAGGAG 12

RESULT 142
US-09-281-418-25
; Sequence 25, Application US/09281418
; Patent No. 6287769
; GENERAL INFORMATION:
; APPLICANT: Inoue, Takakazu
; TITLE OF INVENTION: Method of Amplifying DNA Fragment, Apparatus for Amplifying DNA
; TITLE OF INVENTION: agment, Method of Assaying Microorganisms, Method of Analyzing
; TITLE OF INVENTION: nisms and Method of Assaying Contaminant
; FILE REFERENCE: 9982-7
; CURRENT APPLICATION NUMBER: US/09/281,418
; CURRENT FILING DATE: 1999-03-30
; EARLIER APPLICATION NUMBER: JP/1998/87651
; EARLIER FILING DATE: 1998-03-31
; EARLIER APPLICATION NUMBER: JP/1999/69694
; EARLIER FILING DATE: 1999-03-16
; NUMBER OF SEQ ID NOS: 216
; SEQ ID NO 25
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-281-418-25

Query Match
  Best Local Similarity 25.7%; Score 7.2; DB 1; Length 12;
  Matches 9; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 12 TGTACAGGAGT 23
  |||||
  1 TGTACAGGAGT 12

RESULT 143
US-08-182-968A-297/c
; Sequence 297, Application US/08182968A
; Patent No. 5610054
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HEPATITIS C
; TITLE OF INVENTION: VIRUS REPLICATION
```

NUMBER OF SEQUENCES: 497
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/182,968A
FILING DATE: 13-JANUARY-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/882,888
FILING DATE: 14-MAY-1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 205/277
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 297:
SEQUENCE CHARACTERISTICS:
LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-182-968A-297

Query Match 25.7%; Score 7.2; DB 1; Length 15;
Best Local Similarity 75.0%; Pred. No. 1.4e+02;
Matches 9; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 15 ACAGGAGTCCA 26
DB 13 ACCTGACTCCA 2

RESULT 144
US-08-774-306A-297/c
Sequence 297, Application US/08774306A
Patent No. 5869253
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: INHIBITING HEPATITIS C
TITLE OF INVENTION: VIRUS REPLICATION
NUMBER OF SEQUENCES: 497
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/774,306A
FILING DATE: December 26, 1996

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/182,968
FILING DATE: January 13, 1994
APPLICATION NUMBER: 07/882,888
FILING DATE: May 14, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 223/227
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 297:
SEQUENCE CHARACTERISTICS:
LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-774-306A-297

Query Match 25.7%; Score 7.2; DB 1; Length 15;
Best Local Similarity 75.0%; Pred. No. 1.4e+02;
Matches 9; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 15 ACAGGAGTCCA 26
DB 13 ACCTGACTCCA 2

RESULT 145
US-09-064-156A-297/c
Sequence 297, Application US/09064156A
Patent No. 6132966
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: INHIBITING HEPATITIS C
TITLE OF INVENTION: VIRUS REPLICATION
NUMBER OF SEQUENCES: 498
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/064,156A
FILING DATE: April 21, 1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/774,306
FILING DATE: December 26, 1996
APPLICATION NUMBER: 08/182,968
FILING DATE: January 13, 1994
APPLICATION NUMBER: 07/882,888
FILING DATE: May 14, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 234/083
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 297:

SEQUENCE CHARACTERISTICS:
LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-064-156A-297

Query Match 25.7%; Score 7.2; DB 1; Length 15;
Best Local Similarity 75.0%; Pred. No. 1.4e+02;
Matches 9; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 15 ACAGGAGTCCA 26
DB 13 ACCTGAGTCCA 2

RESULT 146
US-08-859-954-179
Sequence 179, Application US/08859954
Patent No. 6083695
GENERAL INFORMATION:
APPLICANT: Hardin, Susan H.
APPLICANT: Homayouni, Ramin
APPLICANT: Hardin, Paul E.
TITLE OF INVENTION: Design and Optimized Primer Library for
TITLE OF INVENTION: Gene Sequencing and Method Thereof
NUMBER OF SEQUENCES: 566
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fulbright & Jaworski L.L.P.
STREET: 1301 McKinnney, Suite 5100
CITY: Houston
STATE: Texas
COUNTRY: U.S.A.
ZIP: 77010-3095
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/859,954
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/632,782
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Paul, Thomas D.
REGISTRATION NUMBER: 32,714
REFERENCE/DOCKET NUMBER: D-5900
TELECOMMUNICATION INFORMATION:
TELEPHONE: 713/651-5246
TELEFAX: 713/651-5246
INFORMATION FOR SEQ ID NO: 179:
SEQUENCE CHARACTERISTICS:
LENGTH: 8 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "oligonucleotide"
HYPOTHETICAL: YES
ANTI-SENSE: YES
US-08-859-954-179

Query Match 25.0%; Score 7; DB 1; Length 8;
Best Local Similarity 100.0%; Pred. No. 4.6e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 20 GAGTCCA 26
DB 1 GAGTCCA 7

RESULT 147
US-08-859-954-289/C
Sequence 289, Application US/08859954
Patent No. 6083695
GENERAL INFORMATION:

APPLICANT: Hardin, Susan H.
APPLICANT: Homayouni, Ramin
APPLICANT: Hardin, Paul E.
TITLE OF INVENTION: Design and Optimized Primer Library for
TITLE OF INVENTION: Gene Sequencing and Method Thereof
NUMBER OF SEQUENCES: 566
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fulbright & Jaworski L.L.P.
STREET: 1301 McKinnney, Suite 5100
CITY: Houston
STATE: Texas
COUNTRY: U.S.A.
ZIP: 77010-3095
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/859,954
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/632,782
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Paul, Thomas D.
REGISTRATION NUMBER: 32,714
REFERENCE/DOCKET NUMBER: D-5900
TELECOMMUNICATION INFORMATION:
TELEPHONE: 713/651-5246
TELEFAX: 713/651-5246
INFORMATION FOR SEQ ID NO: 289:
SEQUENCE CHARACTERISTICS:
LENGTH: 8 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "oligonucleotide"
HYPOTHETICAL: YES
ANTI-SENSE: YES
US-08-859-954-289

Query Match 25.0%; Score 7; DB 1; Length 8;
Best Local Similarity 100.0%; Pred. No. 4.6e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 21 AGTCCAG 27
DB 7 AGTCCAG 1

RESULT 148
US-08-859-954-436
Sequence 436, Application US/08859954
Patent No. 6083695
GENERAL INFORMATION:

APPLICANT: Hardin, Susan H.
APPLICANT: Homayouni, Ramin
APPLICANT: Hardin, Paul E.
TITLE OF INVENTION: Design and Optimized Primer Library for
TITLE OF INVENTION: Gene Sequencing and Method Thereof
NUMBER OF SEQUENCES: 566
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fulbright & Jaworski L.L.P.
STREET: 1301 McKinnney, Suite 5100

```

; CITY: Houston
; STATE: Texas
; COUNTRY: U.S.A.
; ZIP: 77010-3095
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/859,954
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/632,782
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul, Thomas D.
; REGISTRATION NUMBER: 32,714
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 713/651-5325
; TELEFAX: 713/651-5246
; INFORMATION FOR SEQ ID NO: 436:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 8 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "oligonucleotide"
; HYPOTHETICAL: YES
; ANTI-SENSE: YES
;
US-08-859-954-436
;
Query Match 25.0%; Score 7; DB 1; Length 8;
Best Local Similarity 100.0%; Pred.No.4.6e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 21 AGTCGAG 27
Db 1 AGTCGAG 7

RESULT 149
US-08-859-954-437
; Sequence 437, Application US/08859954
; Patent No. 6083695
; GENERAL INFORMATION:
; APPLICANT: Hardin, Susan H.
; APPLICANT: Homayouni, Ramtin
; TITLE OF INVENTION: Design and Optimized Primer Library for
; TITLE OF INVENTION: Gene Sequencing and Method Thereof
; NUMBER OF SEQUENCES: 566
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fulbright & Jaworski L.L.P.
; STREET: 1301 McKinney, Suite 5100
; CITY: Houston
; STATE: Texas
; COUNTRY: U.S.A.
; ZIP: 77010-3095
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/859,954
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/632,782
```

```

; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul, Thomas D.
; REGISTRATION NUMBER: 32,714
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 713/651-5325
; TELEFAX: 713/651-5246
; INFORMATION FOR SEQ ID NO: 437:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 8 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "oligonucleotide"
; HYPOTHETICAL: YES
; ANTI-SENSE: YES
;
US-08-859-954-437
;
Query Match 25.0%; Score 7; DB 1; Length 8;
Best Local Similarity 100.0%; Pred.No.4.6e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 21 AGTCGAG 27
Db 1 AGTCGAG 7

RESULT 150
US-08-859-954-510/C
; Sequence 510, Application US/08859954
; Patent No. 6083695
; GENERAL INFORMATION:
; APPLICANT: Hardin, Susan H.
; APPLICANT: Homayouni, Ramtin
; TITLE OF INVENTION: Design and Optimized Primer Library for
; TITLE OF INVENTION: Gene Sequencing and Method Thereof
; NUMBER OF SEQUENCES: 566
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fulbright & Jaworski L.L.P.
; STREET: 1301 McKinney, Suite 5100
; CITY: Houston
; STATE: Texas
; COUNTRY: U.S.A.
; ZIP: 77010-3095
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/859,954
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/632,782
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul, Thomas D.
; REGISTRATION NUMBER: 32,714
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 713/651-5325
; TELEFAX: 713/651-5246
; INFORMATION FOR SEQ ID NO: 510:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 8 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
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DESCRIPTION: /desc = "oligonucleotide"
; HYPOTHETICAL: YES
; ANTI-SENSE: YES
US-08-859-954-510

Query Match 25.0%; Score 7; DB 1; Length 8;
Best Local Similarity 100.0%; Pred. No. 4.6e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 17 AGGAGT 23
DB 7 AGGAGT 1

RESULT 151
US-09-878-693-5/c
; Sequence 5, Application US/09878693
; Patent No. 6677510
; GENERAL INFORMATION:
; APPLICANT: Windham, Mark T.
; APPLICANT: Trigliano, Robert N.
; APPLICANT: Witte, Willard T.
; TITLE OF INVENTION: Powdery Mildew Resistant Plants
; FILE REFERENCE: UTR-101X
; CURRENT APPLICATION NUMBER: US/09/878,693
; CURRENT FILING DATE: 2001-09-04
; PRIOR APPLICATION NUMBER: US 60/210,603
; PRIOR FILING DATE: 2000-06-09
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Random Primer
US-09-878-693-5

Query Match 25.0%; Score 7; DB 1; Length 8;
Best Local Similarity 100.0%; Pred. No. 4.6e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 6 CCTAGT 12
DB 8 CCTAGT 2

RESULT 152
US-08-331-398A-37/c
; Sequence 37, Application US/08331398A
; Patent No. 5608039
; GENERAL INFORMATION:
; APPLICANT: Pastan, Ira
; APPLICANT: Willingham, Mark
; APPLICANT: Fitzgerald, David
; APPLICANT: Brinkmann, Ulrich
; APPLICANT: Pal, Lee
; TITLE OF INVENTION: Single Chain B3 Antibody Fusion Proteins
; TITLE OF INVENTION: and Their Uses (as amended)
; NUMBER OF SEQUENCES: 68
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew
; STREET: One Market Plaza, Stewart Street Plaza
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94105-1492
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/331,398A
; FILING DATE: 28-OCT-1994

CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/767,331
; FILING DATE: 30-SEP-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/596,289
; FILING DATE: 12-OCT-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Hunter, Tom
; REGISTRATION NUMBER: 38,498
; REFERENCE/DOCKET NUMBER: 015280-126110US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 543-9600
; TELEFAX: (415) 543-5043
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 9 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-331-398A-37

Query Match 25.0%; Score 7; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 4.1e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 16 CAGGAG 22
DB 9 CAGGAG 3

RESULT 153
US-08-605-163-11/c
; Sequence 11, Application US/08605163
; Patent No. 5879886
; GENERAL INFORMATION:
; APPLICANT: Neo, Tommaso
; APPLICANT: Tosi, Mario
; APPLICANT: Veriy, Elisabeth
; APPLICANT: Biasotto, Michel
; TITLE OF INVENTION: Method for Detecting Molecules
; TITLE OF INVENTION: Containing Nucleotide Mismatches and the Location of These
; TITLE OF INVENTION: Mismatches, and Application to the Detection of Base
; TITLE OF INVENTION: Substitutions or Deletions in Nucleotide Sequences.
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; STREET: 1300 I Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/605,163
; FILING DATE: 08-MAR-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Meyers, Kenneth J.
; REGISTRATION NUMBER: 25,146
; REFERENCE/DOCKET NUMBER: 05986.0005-00000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 408-4000
; TELEFAX: (202) 408-4400
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 9 base pairs

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-605-163-11

Query Match 25.0%; Score 7; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 4.1e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 15 ACAGGGA 21
Db 8 ACAGGGA 2

RESULT 154
US-08-605-163-12/c
Sequence 12, Application US/08605163
Patent No. 5879886

GENERAL INFORMATION:
APPLICANT: Meo, Tommaso
APPLICANT: Tosi, Mario
APPLICANT: Verpy, Elisabeth
APPLICANT: Biasotto, Michel
TITLE OF INVENTION: Method for Detecting Molecules
TITLE OF INVENTION: Containing Nucleotide Mismatches and the Location of These
TITLE OF INVENTION: Mismatches, and Application to the Detection of Base
TITLE OF INVENTION: Substitutions or Deletions in Nucleotide Sequences.
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
ADDRESSEE: Dunner
STREET: 1300 I Street, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20005-3315

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/605,163
FILING DATE: 08-MAR-1996
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
NAME: Meyers, Kenneth J.
REGISTRATION NUMBER: 25,146
REFERENCE/DOCKET NUMBER: 05986.0005-00000
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 408-4000
TELEFAX: (202) 408-4400
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 9 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-605-163-12

Query Match 25.0%; Score 7; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 4.1e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 15 ACAGGGA 21
Db 8 ACAGGGA 2

RESULT 155
US-08-331-397B-37/c

Sequence 37, Application US/08331397B
Patent No. 5981726

GENERAL INFORMATION:
APPLICANT: Pastan, Ira
APPLICANT: Benhar, Itai
TITLE OF INVENTION: Chimeric and Mutationally Stabilized Tumor-
Specific Antibody Fragments, Fusion Proteins, and Uses
TITLE OF INVENTION: Thereof
NUMBER OF SEQUENCES: 68
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew
STREET: One Market Plaza, Stewart Street Plaza
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94105-1492

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/331,397B
FILING DATE: 28-OCT-1994
CLASSIFICATION: 435

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/767,331
FILING DATE: 30-SEP-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/596,289
FILING DATE: 12-OCT-1990
ATTORNEY/AGENT INFORMATION:
NAME: Hunter, Tom

REGISTRATION NUMBER: 38,498
REFERENCE/DOCKET NUMBER: 015280-126120US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 543-9600
TELEFAX: (415) 543-5043

INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
LENGTH: 9 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-331-397B-37

Query Match 25.0%; Score 7; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 4.1e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 16 CAGGGAG 22
Db 9 CAGGGAG 3

RESULT 156
US-08-759-804A-37/c
Sequence 37, Application US/08759804A
Patent No. 5990296

GENERAL INFORMATION:
APPLICANT: Pastan, Ira
APPLICANT: Willingham, Mark
APPLICANT: Fitzgerald, David J.
APPLICANT: Brinkmann, Ulrich
APPLICANT: Pal, Lee
TITLE OF INVENTION: Tumor-Specific Antibody Fragments,
TITLE OF INVENTION: Fusion Proteins, and Uses Thereof
NUMBER OF SEQUENCES: 68
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco

STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/759,804A
FILING DATE: 03-DEC-1996
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/331,398
FILING DATE: 28-OCT-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/767,331
FILING DATE: 30-SEP-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/596,289
FILING DATE: 12-OCT-1990
ATTORNEY/AGENT INFORMATION:
NAME: Weber, Ellen L.
REGISTRATION NUMBER: 32,762
REFERENCE/DOCKET NUMBER: 015280-126140US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
LENGTH: 9 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-759-804A-37

Query Match 25.0%; Score 7; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 4.1e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 16 CAGGAG 22
Db 9 CAGGAG 3

RESULT 157
US-09-046-858A-3
Sequence 3, Application US/09046858A
Patent No. 6048973
GENERAL INFORMATION:
APPLICANT: Rodriguez, Raymond L.
TITLE OF INVENTION: SUGAR-REGULATORY SEQUENCES
TITLE OF INVENTION: IN ALPHA-AMYLASE GENES
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dehlinger & Associates
STREET: PO Box 60850
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94306
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/046,858A
FILING DATE: 24-MAR-1998
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/042,376

FILING DATE: 24-MAR-1997
ATTORNEY/AGENT INFORMATION:
NAME: Dehlinger, Peter J.
REGISTRATION NUMBER: 28,006
REFERENCE/DOCKET NUMBER: 2000-0456.30
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-324-0880
TELEFAX: 650-324-0960
TELEX:
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 9 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-046-858A-3

Query Match 25.0%; Score 7; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 4.1e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 CTACGTG 13
Db 1 CTACGTG 7

RESULT 158
US-09-227-693-37/C
Sequence 37, Application US/09227693
Patent No. 6287562
GENERAL INFORMATION:
APPLICANT: PASTAN, Ira
APPLICANT: BENHAR, Itai
APPLICANT: PADIAN, Eduardo A.
APPLICANT: LEE, Byungkook
TITLE OF INVENTION: HUMANIZED TUMOR-SPECIFIC ANTIBODY
TITLE OF INVENTION: FRAGMENTED, FUSION PROTEINS, AND USES THEREOF
NUMBER OF SEQUENCES: 50
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend Kourie and Crew
STREET: Stewart Street Tower, One Market Plaza
CITY: San Francisco
STATE: California
COUNTRY: US
ZIP: 94105-1493
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/227,693
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/331,396
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/767,331
FILING DATE: 30-SEP-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/596,289
FILING DATE: 12-OCT-1990
ATTORNEY/AGENT INFORMATION:
NAME: Weber, Ellen Lauver
REGISTRATION NUMBER: 32,762
REFERENCE/DOCKET NUMBER: 15280-126-1-3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 543-9600
TELEFAX: (415) 543-5043
INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
LENGTH: 9 base pairs

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-09-227-693-37

Query Match 25.0%; Score 7; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 4.1e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 16 CAGGGAG 22
|||||
Db 9 CAGGGAG 3

RESULT 159
US-09-153-242-33
; Sequence 33, Application US/09153242
; Patent No. 6482592
; GENERAL INFORMATION:
; APPLICANT: Lundberg, Joakim
; APPLICANT: Uhlen, Mathias
; TITLE OF INVENTION: MODULAR PROBES II
; FILE REFERENCE: 1181-242
; CURRENT APPLICATION NUMBER: US/09/153,242
; CURRENT FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: PCT/GB97/02629
; PRIOR FILING DATE: 1997-09-26
; NUMBER OF SEQ ID NOS: 63
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 33
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide H3
US-09-153-242-33

Query Match 25.0%; Score 7; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 4.1e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 GGGCCCT 8
|||||
Db 2 GGGCCCT 8

RESULT 160
US-09-989-789-2121
; Sequence 2121, Application US/09989789
; Patent No. 6588746
; GENERAL INFORMATION:
; APPLICANT: Liu, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; FILE REFERENCE: 8325-0011.20 / S11-US2
; CURRENT APPLICATION NUMBER: US/09/989,789
; CURRENT FILING DATE: 2002-03-25
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 2121
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; OTHER INFORMATION: DNA
US-09-989-789-2121

Query Match 25.0%; Score 7; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 4.1e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 16 CAGGGAG 22
|||||
Db 1 CAGGGAG 7

RESULT 161
US-09-989-789-2122
; Sequence 2122, Application US/09989789
; Patent No. 6588746
; GENERAL INFORMATION:
; APPLICANT: Liu, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; FILE REFERENCE: 8325-0011.20 / S11-US2
; CURRENT APPLICATION NUMBER: US/09/989,789
; CURRENT FILING DATE: 2002-03-25
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 2122
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; OTHER INFORMATION: DNA
US-09-989-789-2122

Query Match 25.0%; Score 7; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 4.1e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 16 CAGGGAG 22
|||||
Db 1 CAGGGAG 7

RESULT 162
US-09-989-789-2330
; Sequence 2330, Application US/09989789
; Patent No. 6588746
; GENERAL INFORMATION:
; APPLICANT: Liu, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; FILE REFERENCE: 8325-0011.20 / S11-US2
; CURRENT APPLICATION NUMBER: US/09/989,789
; CURRENT FILING DATE: 2002-03-25
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 2330
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; OTHER INFORMATION: DNA
US-09-989-789-2330

Query Match 25.0%; Score 7; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 4.1e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 19 GGAATCC 25
|||||
Db 3 GGAATCC 9

RESULT 163
US-09-989-789-2331
; Sequence 2331, Application US/09989789
; Patent No. 6588746
; GENERAL INFORMATION:

```

; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; FILE OF INVENTION: TRIPLETS BY ZINC FINGERS
; FILE REFERENCE: 8325-0011.20 / S11-US2
; CURRENT APPLICATION NUMBER: US/09/989,789
; CURRENT FILING DATE: 2002-03-25
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 2331
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; US-09-989-789-2331

Query Match
Best Local Similarity 25.0%; Score 7; DB 1; Length 9;
Matches 7; Conservativity 100.0%; Pred. No. 4.1e+02; Mismatches 0; Indels 0; Gaps 0;

QY 19 GGAGTCC 25
Db 3 GGAGTCC 9

RESULT 164
US-09-989-789-2347
; Sequence 2347, Application US/09989789
; Patent No. 6588746
; GENERAL INFORMATION:
; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; FILE OF INVENTION: TRIPLETS BY ZINC FINGERS
; FILE REFERENCE: 8325-0011.20 / S11-US2
; CURRENT APPLICATION NUMBER: US/09/989,789
; CURRENT FILING DATE: 2002-03-25
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 2347
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; US-09-989-789-2347

Query Match
Best Local Similarity 25.0%; Score 7; DB 1; Length 9;
Matches 7; Conservativity 100.0%; Pred. No. 4.1e+02; Mismatches 0; Indels 0; Gaps 0;

QY 19 GGAGTCC 25
Db 3 GGAGTCC 9

RESULT 165
US-09-989-789-2348
; Sequence 2348, Application US/09989789
; Patent No. 6588746
; GENERAL INFORMATION:
; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; FILE OF INVENTION: TRIPLETS BY ZINC FINGERS
; FILE REFERENCE: 8325-0011.20 / S11-US2
; CURRENT APPLICATION NUMBER: US/09/989,789
; CURRENT FILING DATE: 2002-03-25
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 2348
; LENGTH: 9
; TYPE: DNA
```

```

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; US-09-989-789-2348

Query Match
Best Local Similarity 25.0%; Score 7; DB 1; Length 9;
Matches 7; Conservativity 100.0%; Pred. No. 4.1e+02; Mismatches 0; Indels 0; Gaps 0;

QY 19 GGAGTCC 25
Db 3 GGAGTCC 9

RESULT 166
US-09-450-515-3
; Sequence 3, Application US/09450515
; Patent No. 6680425
; GENERAL INFORMATION:
; APPLICANT: Rodriguez, Raymond L.
; TITLE OF INVENTION: SUGAR-REGULATORY SEQUENCES
; IN ALPHA-AMYLASE GENES
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Dehlinger & Associates
; STREET: PO Box 60850
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FASTSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/450,515
; FILING DATE: 29-Nov. 6680425-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/046,858
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Dehlinger, Peter J.
; REGISTRATION NUMBER: 28,006
; REFERENCE/DOCKET NUMBER: 2000-0456.30
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-324-0880
; TELEFAX: 650-324-0960
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 9 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-09-450-515-3

Query Match
Best Local Similarity 25.0%; Score 7; DB 1; Length 9;
Matches 7; Conservativity 100.0%; Pred. No. 4.1e+02; Mismatches 0; Indels 0; Gaps 0;

QY 7 CTAGTG 13
Db 1 CTAGTG 7

RESULT 167
US-09-263-790-19/c
; Sequence 19, Application US/09263790
; Patent No. PPI2997
```

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; GENERAL INFORMATION:
; APPLICANT: Nimal Kumar PATRA et al.
; TITLE OF INVENTION: JAL PALIAYI, WATER LOGGING TOLERANT CYMBOPOGON WINTERIANUS
; FILE REFERENCE: 2761-0120P
; CURRENT APPLICATION NUMBER: US/09/263,790
; CURRENT FILING DATE: 1999-03-05
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 19
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: MAP 19 Primer - Primer used in RAPD analysis comparing Jal Paliay
; OTHER INFORMATION: with Jorlab-2, Manjusha, Mandakini, Bio-13, and Ceylon.
US-09-263-790-19

Query Match      25.0%; Score 7; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 85;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      19 GGAGTCC 25
Db      7 GGAGTCC 1

RESULT 168
US-09-538-341-12/c
; Sequence 12, Application US/09538341
; Patent No. PP13110
; GENERAL INFORMATION:
; APPLICANT: Kumar, Sushil
; APPLICANT: Bahl, Janak Paj
; APPLICANT: Bansal, Ravi Prakash
; APPLICANT: Niwas, Shri
; APPLICANT: Nagvi, Arif Ali
; APPLICANT: Khanuja, Suman Preet Singh
; APPLICANT: Shasany, Ajit Kumar
; APPLICANT: Darokar, Mahendra Pandurang
; APPLICANT: Singh, Vikram
; APPLICANT: Sinha, Shweta
; TITLE OF INVENTION: Lipid alpha plant named 'Bhurakshak'
; FILE REFERENCE: U-012701-4
; CURRENT APPLICATION NUMBER: US/09/538,341
; CURRENT FILING DATE: 2000-03-29
; NUMBER OF SEQ ID NOS: 13
; SEQ ID NO 12
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer for generating random amplified polymorphic DNA profile of
; OTHER INFORMATION: plant
US-09-538-341-12

Query Match      25.0%; Score 7; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 85;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      19 GGAGTCC 25
Db      7 GGAGTCC 1

RESULT 169
US-09-785-716A-18/c
; Sequence 18, Application US/09785716A
; Patent No. PP14090
; GENERAL INFORMATION:
; APPLICANT: Council of Scientific and Industrial Research
; APPLICANT: Dwivedi, Samresh
; APPLICANT: Singh, Manesha
; APPLICANT: Singh, Ajay Pratap

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; APPLICANT: Singh, Vandana
; APPLICANT: Khanuja, Suman Preet Singh
; APPLICANT: Nagvi, Ali Arif
; APPLICANT: Kuman, Sushil
; TITLE OF INVENTION: New Peppermint Plant Named 'PRANJAL'
; FILE REFERENCE: 41799/USG/K375
; CURRENT APPLICATION NUMBER: US/09/785,716A
; CURRENT FILING DATE: 2001-02-16
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 18
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for RAPD profile
US-09-785-716A-18

Query Match      25.0%; Score 7; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 85;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      19 GGAGTCC 25
Db      7 GGAGTCC 1

```

```

RESULT 170
US-09-799-880-19/c
; Sequence 19, Application US/09799880
; Patent No. PP14400
; GENERAL INFORMATION:
; APPLICANT: Kumar, Sushil
; APPLICANT: Gupta, Ritika
; APPLICANT: Sasrty, Kakraparthi
; APPLICANT: Banerjee, Suchitra
; APPLICANT: Mallavarapu, Gopal
; APPLICANT: Ramesh, Srinivas
; APPLICANT: Shasany, Ajit
; APPLICANT: Darokar, Mahendra
; APPLICANT: Khanuja, Suman
; APPLICANT: Darokar, Mahendra
; TITLE OF INVENTION: A NOVEL ROSE SCENTED GERANIUM PELARGONIUM GRAVEOLENS PLANT 'SAFI'
; FILE REFERENCE: 2734-102
; CURRENT APPLICATION NUMBER: US/09/799,880
; CURRENT FILING DATE: 2001-03-07
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 19
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-799-880-19

Query Match      25.0%; Score 7; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 85;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      19 GGAGTCC 25
Db      7 GGAGTCC 1

RESULT 171
US-08-590-571-19/c
; Sequence 19, Application US/08590571
; Patent No. 5861246
; GENERAL INFORMATION:
; APPLICANT: Sherman Weissman and Girish N. Nallur
; TITLE OF INVENTION: MULTIPLE SELECTION PROCESS
; NUMBER OF SEQUENCES: 66
; CORRESPONDENCE ADDRESS:

```

ADDRESS: Yahwak & Associates
STREET: 25 Skytop Drive
CITY: Trumbull
STATE: Connecticut
COUNTRY: USA
ZIP: 06611
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: Macintosh
OPERATING SYSTEM: MS-DOS
SOFTWARE: Microsoft Word 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/590,571
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: George M. Yahwak
REGISTRATION NUMBER: 26,824
REFERENCE/DOCKET NUMBER: Yale
TELECOMMUNICATION INFORMATION:
TELEPHONE: (203)268-1951
TELEFAX: (203)268-1951
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-590-571-19

Query Match 25.0%; Score 7; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 85;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 18 GGGAGTC 24
Db 9 GGGAGTC 3

RESULT 172
US-08-590-571-31/c
Sequence 31, Application US/08590571
Patent No. 5861246
GENERAL INFORMATION:
APPLICANT: Sherman Weissman and Garish N. Mallur
TITLE OF INVENTION: MULTIPLE SELECTION PROCESS
NUMBER OF SEQUENCES: 66
CORRESPONDENCE ADDRESS:
ADDRESSEE: Yahwak & Associates
STREET: 25 Skytop Drive
CITY: Trumbull
STATE: Connecticut
COUNTRY: USA
ZIP: 06611
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: Macintosh
OPERATING SYSTEM: MS-DOS
SOFTWARE: Microsoft Word 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/590,571
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: George M. Yahwak
REGISTRATION NUMBER: 26,824
REFERENCE/DOCKET NUMBER: Yale
TELECOMMUNICATION INFORMATION:
TELEPHONE: (203)268-1951
TELEFAX: (203)268-1951
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:

LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-590-571-31

Query Match 25.0%; Score 7; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 85;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 18 GGGAGTC 24
Db 9 GGGAGTC 3

RESULT 173
US-08-388-353-659/c
Sequence 659, Application US/08388353
Patent No. 6010895
GENERAL INFORMATION:
APPLICANT: Deacon, Nicholas J.
APPLICANT: Learnont, Jennifer C.
APPLICANT: McPhee, Dale A.
APPLICANT: Crowe, Suzanne
APPLICANT: Cooper, David
TITLE OF INVENTION: NON-PATHOGENIC STRAINS OF HIV-1
NUMBER OF SEQUENCES: 800
CORRESPONDENCE ADDRESS:
ADDRESSEE: Scully, Scott, Murphy & Presser
STREET: 400 Garden City Plaza
CITY: Garden City
STATE: New York
COUNTRY: United States
ZIP: 11530
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/388,353
FILING DATE: 14-FEB-1995
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Diglio, Frank S.
REGISTRATION NUMBER: 31,346
REFERENCE/DOCKET NUMBER: 9606
TELECOMMUNICATION INFORMATION:
TELEPHONE: (516) 742-4343
TELEFAX: (516) 742-4366
TELEX: 230 901 SANS UR
INFORMATION FOR SEQ ID NO: 659:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-388-353-655

Query Match 25.0%; Score 7; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 85;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 13 GTACAGG 19
Db 8 GTACAGG 2

RESULT 174
US-08-388-353-660/c
Sequence 660, Application US/08388353

```
Patent No. 6010895
GENERAL INFORMATION:
APPLICANT: Deacon, Nicholas J.
APPLICANT: Learmont, Jennifer C.
APPLICANT: McPhee, Dale A.
APPLICANT: Crowe, Suzanne
APPLICANT: Cooper, David
TITLE OF INVENTION: NON-PATHOGENIC STRAINS OF HIV-1
NUMBER OF SEQUENCES: 800
CORRESPONDENCE ADDRESS:
ADDRESSEE: Scully, Scott, Murphy & Presser
STREET: 400 Garden City Plaza
CITY: Garden City
STATE: New York
COUNTRY: United States
ZIP: 11530
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/388,353
FILING DATE: 14-FEB-1995
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Digiglio, Frank S.
REGISTRATION NUMBER: 31,346
REFERENCE/DOCKET NUMBER: 9606
TELECOMMUNICATION INFORMATION:
TELEPHONE: (516) 742-4343
TELEFAX: (516) 742-4366
TELEX: 230 901 SANS UR
INFORMATION FOR SEQ ID NO: 660:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-388-353-660

Query Match      25.0%; Score 7; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 85;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      13 GTACAGG 19
DB      7 GTACAGG 1

RESULT 175
US-08-468-856B-14
Sequence 14, Application US/08468856B
Patent No. 6013772
GENERAL INFORMATION:
APPLICANT: Barnett, Thomas; Elting, James; Kamarek, Michael;
APPLICANT: Kretschmer, Axel
TITLE OF INVENTION: CDNAS CODING FOR MEMBERS OF THE
TITLE OF INVENTION: CARCINOEMBRYONIC ANTIGEN FAMILY
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sprung Horn Kramer & Woods
STREET: 660 White Plains Road
CITY: Tarrytown
STATE: New York
COUNTRY: USA
ZIP: 10591-5144
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 2.0 Mb storage
COMPUTER: APPLE MACINTOSH 6500
OPERATING SYSTEM: SYSTEM 7.5
SOFTWARE: WordPerfect 3.5
```

```
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/468,856B
FILING DATE: 06-JUN-1995
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/027,974
FILING DATE: 08-MAR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/760,031
FILING DATE: 13-SEP-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/274,107
FILING DATE: 21-NOV-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/207,678
FILING DATE: 16-JUN-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/060,031
FILING DATE: 19-JUN-1987
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/016,683
FILING DATE: 19-FEB-1987
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 06/896,361
FILING DATE: 13-AUG-1986
ATTORNEY/AGENT INFORMATION:
NAME: Kirt G. Briscoe
REGISTRATION NUMBER: 33,141
REFERENCE/DOCKET NUMBER: MDI 242.10-KGB
TELECOMMUNICATION INFORMATION:
TELEPHONE: (914) 332-1700
TELEFAX: (914) 332-1844
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-468-856B-14

Query Match      25.0%; Score 7; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 85;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2 GGGGCGCT 8
DB      1 GGGGCGCT 7

RESULT 176
US-08-488-551B-659/C
Sequence 659, Application US/08488551B
Patent No. 601561
GENERAL INFORMATION:
APPLICANT: Nicholas J. Deacon
APPLICANT: Dale A. McPhee
APPLICANT: David Cooper
TITLE OF INVENTION: NON-PATHOGENIC STRAINS OF HIV-1
NUMBER OF SEQUENCES: 841
CORRESPONDENCE ADDRESS:
ADDRESSEE: SCULLY, SCOTT, MURPHY & PRESSER
STREET: 400 GARDEN CITY PLAZA
CITY: GARDEN CITY
STATE: NEW YORK
COUNTRY: U.S.A.
ZIP: 11530-0299
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/488,551B
```

FILED DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PM3864 (AU)
FILING DATE: 14-FEB-1994
APPLICATION NUMBER: PM4002 (AU)
FILING DATE: 21-FEB-1994
APPLICATION NUMBER: PM0284 (AU)
FILING DATE: 23-DEC-1994
APPLICATION NUMBER: US 08/388,353
FILING DATE: 14-FEB-1995
APPLICATION NUMBER: PM3021/95
FILING DATE: 17-MAY-1995
ATTORNEY/AGENT INFORMATION:
NAME: FRANK S. DIGIGLIO
REFERENCE/DOCKET NUMBER: 9606Z
TELECOMMUNICATION INFORMATION:
TELEPHONE: (516) 742-4343
TELEFAX: (516) 742-4366
INFORMATION FOR SEQ ID NO: 659:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-488-551B-659

Query Match 25.0%; Score 7; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 85;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 13 GTACAGG 19
DB 8 GTACAGG 2

RESULT 177
US-08-488-551B-660/C
Sequence 660, Application US/08488551B
Patent No. 6015661
GENERAL INFORMATION:
APPLICANT: Nicholas J. Deacon
APPLICANT: Dale A. McPhee
APPLICANT: David Cooper
TITLE OF INVENTION: NON-PATHOGENIC STRAINS OF HIV-1
NUMBER OF SEQUENCES: 841
CORRESPONDENCE ADDRESS:
ADDRESSEE: SCULLY, SCOTT, MURPHY & PRESSER
STREET: 400 GARDEN CITY PLAZA
CITY: GARDEN CITY
STATE: NEW YORK
COUNTRY: U.S.A.
ZIP: 11530-0239
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/488,551B
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PM3864 (AU)
FILING DATE: 14-FEB-1994
APPLICATION NUMBER: PM4002 (AU)
FILING DATE: 21-FEB-1994
APPLICATION NUMBER: PM0284 (AU)
FILING DATE: 23-DEC-1994
APPLICATION NUMBER: US 08/388,353
FILING DATE: 14-FEB-1995
APPLICATION NUMBER: PM3021/95
FILING DATE: 17-MAY-1995
ATTORNEY/AGENT INFORMATION:

NAME: FRANK S. DIGIGLIO
REFERENCE/DOCKET NUMBER: 9606Z
TELECOMMUNICATION INFORMATION:
TELEPHONE: (516) 742-4343
TELEFAX: (516) 742-4366
INFORMATION FOR SEQ ID NO: 660:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-488-551B-660

Query Match 25.0%; Score 7; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 85;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 13 GTACAGG 19
DB 7 GTACAGG 1

RESULT 178
US-08-488-859A-14
Sequence 14, Application US/0848859A
Patent No. 6022958
GENERAL INFORMATION:
APPLICANT: Barnette, Thomas; Elting, James; Kamarck, Michael;
APPLICANT: Kretschmer, Axel
TITLE OF INVENTION: CDNAS CODING FOR MEMBERS OF THE
TITLE OF INVENTION: CARCINOEMBRYONIC ANTIGEN FAMILY
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sprung Horn Kramer & Woods
STREET: 660 White Plains Road
CITY: Tarrytown
STATE: New York
COUNTRY: USA
ZIP: 10591-5144
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 2.0 Mb storage
COMPUTER: APPLE MACINTOSH 6500
OPERATING SYSTEM: SYSTEM 7.5
SOFTWARE: Wordperfect 3.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/468,859A
FILING DATE: 06-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/027,974
FILING DATE: 08-MAR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/760,031
FILING DATE: 13-SEP-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/274,107
FILING DATE: 21-NOV-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/207,678
FILING DATE: 16-JUN-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/060,031
FILING DATE: 19-JUN-1987
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/016,683
FILING DATE: 19-FEB-1987
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 06/896,361
FILING DATE: 13-AUG-1986
ATTORNEY/AGENT INFORMATION:
NAME: Kurt G. Briescoe
REGISTRATION NUMBER: 33,141

REFERENCE/DOCKET NUMBER: MDI 242.9-KGB
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (914) 332-1700
 TELEFAX: (914) 332-1844
 INFORMATION FOR SEQ ID NO: 14:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 10 nucleotides
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-468-859A-14

Query Match 25.0%; Score 7; DB 1; Length 10;
 Best Local Similarity 100.0%; Pred. No. 85;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 GGCGCCT 8
 Db 1 GGCGCCT 7

RESULT 179
 US-08-906-691-10/C
 Sequence 10, Application US/08906691
 Patent No. 6066452
 GENERAL INFORMATION:
 APPLICANT: Weissman, Sherman M.
 APPLICANT: Mallur, Girish N.
 APPLICANT: Kulkarni, Prakash
 TITLE OF INVENTION: MULTIPLEX SELECTION TECHNIQUE FOR
 IDENTIFYING PROTEIN-BINDING SITES FOR DNA-BINDING PROTEINS
 NUMBER OF SEQUENCES: 50
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: SEED AND BERRY LLP
 STREET: 6300 Columbia Center, 701 Fifth Avenue
 City: Seattle
 STATE: Washington
 COUNTRY: USA
 ZIP: 981094
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/906,691
 FILING DATE: 31-JUL-1997
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: No. 6066452endburg Ph.D., Carol
 REGISTRATION NUMBER: 39,317
 REFERENCE/DOCKET NUMBER: 390036.403C1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (206) 622-4900
 TELEFAX: (206) 682-6031
 INFORMATION FOR SEQ ID NO: 10:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 10 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA
 US-08-906-691-10

Query Match 25.0%; Score 7; DB 1; Length 10;
 Best Local Similarity 100.0%; Pred. No. 85;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 18 GGAGATC 24
 Db 9 GGAGATC 3

RESULT 180
 US-08-522-384-27/C
 Sequence 27, Application US/08522384
 Patent No. 6110667
 GENERAL INFORMATION:
 APPLICANT: LOPEZ-NIETO, CARLOS E
 APPLICANT: NIGAM, SANJAY KUMAR
 TITLE OF INVENTION: PROCESSES, APPARATUS AND COMPOSITIONS FOR
 CHARACTERIZING NUCLEOTIDE SEQUENCES
 FILE REFERENCE: 2458-4029
 CURRENT APPLICATION NUMBER: US/08/522,384
 CURRENT FILING DATE: 1996-11-15
 NUMBER OF SEQ ID NOS: 122
 SOFTWARE: Patent Ver. 2.1
 SEQ ID NO 27
 LENGTH: 10
 TYPE: DNA
 ORGANISM: Unknown Organism
 FEATURE:
 OTHER INFORMATION: Description of Unknown Organism: Primer
 US-08-522-384-27

Query Match 25.0%; Score 7; DB 1; Length 10;
 Best Local Similarity 100.0%; Pred. No. 85;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 22 GTCCAGC 28
 Db 7 GTCCAGC 1

RESULT 181
 US-09-154-750A-49
 Sequence 49, Application US/09154750A
 Patent No. 6432640
 GENERAL INFORMATION:
 APPLICANT: Vogelstein, Bert
 APPLICANT: Kinzler, Kenneth
 APPLICANT: Polyak, Kornelia
 TITLE OF INVENTION: p53-Induced Apoptosis
 FILE REFERENCE: 1107.75357
 CURRENT APPLICATION NUMBER: US/09/154,750A
 CURRENT FILING DATE: 1998-09-17
 PRIOR APPLICATION NUMBER: 60/059,153
 PRIOR FILING DATE: 1997-09-17
 PRIOR APPLICATION NUMBER: 60/079817
 PRIOR FILING DATE: 1998-03-30
 NUMBER OF SEQ ID NOS: 93
 SOFTWARE: FastSeq for Windows Version 3.0
 SEQ ID NO 49
 LENGTH: 10
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-154-750A-49

Query Match 25.0%; Score 7; DB 1; Length 10;
 Best Local Similarity 100.0%; Pred. No. 85;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 17 AGGAGAT 23
 Db 2 AGGAGAT 8

RESULT 182
 US-09-313-221A-136/C
 Sequence 136, Application US/09313221A
 Patent No. 6468743
 GENERAL INFORMATION:
 APPLICANT: Thomas L. Romick (Inventor)
 APPLICANT: Mark S. Fraser (Inventor)
 TITLE OF INVENTION: PCR TECHNIQUES FOR DETECTING MICROBIAL
 AND VIRAL CONTAMINANTS IN FOODSTUFFS

```
FILE REFERENCE: HUNT-042784
CURRENT APPLICATION NUMBER: US/09/313,221A
CURRENT FILING DATE: 1993-05-17
PRIOR APPLICATION NUMBER: US 60/086,025
NUMBER OF SEQ ID NOS: 145
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 136
LENGTH: 10
TYPE: DNA
ORGANISM: Compylobacter jejuni
US-09-313-221A-136

Query Match
Best Local Similarity 25.0%; Score 7; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 85;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 6 CCTACGT 12
DB 10 CCTACGT 4

RESULT 183
US-09-537-186-13/c
Sequence 13, Application US/09537186
Patent No. 6534696
GENERAL INFORMATION:
APPLICANT: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH
TITLE OF INVENTION: A disease resistant high yielding variety Papaver somniferum call
FILE REFERENCE: Q58615
CURRENT APPLICATION NUMBER: US/09/537,186
CURRENT FILING DATE: 2000-03-29
NUMBER OF SEQ ID NOS: 14
SOFTWARE: PatentIn version 3.1
SEQ ID NO 13
LENGTH: 10
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: : Primer for generating random
OTHER INFORMATION: m amplified polymorphic DNA profile of claimed plant
US-09-537-186-13

Query Match
Best Local Similarity 25.0%; Score 7; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 85;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 19 GGAGTCC 25
DB 7 GGAGTCC 1

RESULT 184
US-09-508-753B-151/c
Sequence 151, Application US/09508753B
Patent No. 6544736
GENERAL INFORMATION:
APPLICANT: Akira SHIMAMOTO
APPLICANT: Yasuhiro FURUUCHI
APPLICANT: YUKO SHIBATA
APPLICANT: HIROKO FUNAKI
APPLICANT: Eiji OHARA
APPLICANT: Masanori WATAHITI
TITLE OF INVENTION: Method for Synthesizing cDNA from mRNA sample
FILE REFERENCE: 00162/HG
CURRENT APPLICATION NUMBER: US/09/508,753B
CURRENT FILING DATE: 2000-06-16
PRIOR APPLICATION NUMBER: JP 9/270324
PRIOR FILING DATE: 1997-09-18
NUMBER OF SEQ ID NOS: 472
SEQ ID NO 151
LENGTH: 10
```

```
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-508-753B-151

Query Match
Best Local Similarity 25.0%; Score 7; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 85;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 15 ACAGGGA 21
DB 7 ACAGGGA 1

RESULT 185
US-10-042-111-31/c
Sequence 31, Application US/10042111
Patent No. 6551476
GENERAL INFORMATION:
APPLICANT: ZHEJIANG ACADEMY OF AGRICULTURAL SCIENCES
APPLICANT: CHEN, Jinqing
TITLE OF INVENTION: A METHOD FOR CONTROLLING RATIO OF PROTEINS/LIPIDS IN CROD SEEDS
FILE REFERENCE: ref.
CURRENT APPLICATION NUMBER: US/10/042,111
CURRENT FILING DATE: 2002-05-08
PRIOR APPLICATION NUMBER: CN 99124511.3
PRIOR FILING DATE: 1999-11-09
NUMBER OF SEQ ID NOS: 46
SOFTWARE: PatentIn version 3.1
SEQ ID NO 31
LENGTH: 10
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: primer
US-10-042-111-31

Query Match
Best Local Similarity 25.0%; Score 7; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 85;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 6 CCTACGT 12
DB 10 CCTACGT 4

RESULT 186
US-09-538-456-9/c
Sequence 9, Application US/09538456
Patent No. 6558940
GENERAL INFORMATION:
APPLICANT: Alam, Mansoor
APPLICANT: Saltar, Abdul
APPLICANT: Kumar, Sushil
APPLICANT: Samad, Abdul
APPLICANT: Dhawan, Om Prakash
APPLICANT: Khanuja, Suman Preet Singh
APPLICANT: Shasany, Ajit Kumar
APPLICANT: Singh, Seema
APPLICANT: Kumar, Poovappallivadakechil
APPLICANT: Khaliq, Abdul
APPLICANT: Zaim, Mohammad
APPLICANT: Shahabuddin, Saba
APPLICANT: Trivedi, Mala
TITLE OF INVENTION: A novel Streptomyces strain with potential anti-microbial
TITLE OF INVENTION: activity against phytopathogenic fungi
FILE REFERENCE: 148920.00003
CURRENT APPLICATION NUMBER: US/09/538,456
CURRENT FILING DATE: 2000-03-20
NUMBER OF SEQ ID NOS: 10
SOFTWARE: Microsoft Word-97
```



```

; SEQ ID NO 9
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: primer
US-09-538-456-9

```

```

Query Match          25.0%; Score 7; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 85;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      19 GGAGTCC 25
      |||||
Db      7 GGAGTCC 1

```

```

RESULT 187
US-09-769-482-43
; Sequence 43, Application US/09769482
; Patent No. 6566130
; GENERAL INFORMATION:
; APPLICANT: SRIVASTAVA, SHIV
; APPLICANT: MOU, JUD D. W.
; APPLICANT: XU, LINDA L.
; TITLE OF INVENTION: SEGAMA, TAKEHIKO
; TITLE OF INVENTION: PROSTATE-SPECIFIC ANDROGEN-SIGNALING-ASSOCIATED
; FILE REFERENCE: 04995.0057-00000
; CURRENT APPLICATION NUMBER: US/09/769,482
; PRIOR FILING DATE: 2001-01-26
; PRIOR APPLICATION NUMBER: 60/178,772
; PRIOR FILING DATE: 2000-01-28
; PRIOR APPLICATION NUMBER: 60/179,045
; PRIOR FILING DATE: 2000-01-31
; NUMBER OF SEQ ID NOS: 67
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 43
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-769-482-43

```

```

Query Match          25.0%; Score 7; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 85;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      16 CAGGGAG 22
      |||||
Db      3 CAGGGAG 9

```

```

RESULT 188
US-09-989-789-1285
; Sequence 1285, Application US/09989789
; Patent No. 6588746
; GENERAL INFORMATION:
; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS
; FILE REFERENCE: 8325-0011.20 / S11-US2
; CURRENT APPLICATION NUMBER: US/09/989,789
; CURRENT FILING DATE: 2002-03-25
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1285
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

```

```

; OTHER INFORMATION: Description of Artificial Sequence: example target
; OTHER INFORMATION: DNA
US-09-989-789-1285

```

```

Query Match          25.0%; Score 7; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 85;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      2 GGGCCCT 8
      |||||
Db      2 GGGCCCT 8

```

```

RESULT 189
US-09-989-789-1307
; Sequence 1307, Application US/09989789
; Patent No. 6588746
; GENERAL INFORMATION:
; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS
; FILE REFERENCE: 8325-0011.20 / S11-US2
; CURRENT APPLICATION NUMBER: US/09/989,789
; CURRENT FILING DATE: 2002-03-25
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1307
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; OTHER INFORMATION: DNA
US-09-989-789-1307

```

```

Query Match          25.0%; Score 7; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 85;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      2 GGGCCCT 8
      |||||
Db      2 GGGCCCT 8

```

```

RESULT 190
US-09-989-789-1314
; Sequence 1314, Application US/09989789
; Patent No. 6588746
; GENERAL INFORMATION:
; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS
; FILE REFERENCE: 8325-0011.20 / S11-US2
; CURRENT APPLICATION NUMBER: US/09/989,789
; CURRENT FILING DATE: 2002-03-25
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1314
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; OTHER INFORMATION: DNA
US-09-989-789-1314

```

```

Query Match          25.0%; Score 7; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 85;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      2 GGGCCCT 8
      |||||
Db      2 GGGCCCT 8

```

```
RESULT 191
US-09-263-790-19
; Sequence 19, Application US/09263790
; Patent No. P12997
; GENERAL INFORMATION:
; APPLICANT: Nitmal Kumar PATRA et al.
; TITLE OF INVENTION: JAL PALAYI, WATER LOGGING TOLERANT CYMOPOGON WINTERIANUS
; FILE REFERENCE: 2761-0120P
; CURRENT APPLICATION NUMBER: US/09/263,790
; CURRENT FILING DATE: 1999-03-05
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 19
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: MAP 19 Primer - Primer used in RAPD analysis comparing Jal Pallav
; OTHER INFORMATION: with Jorlab-2, Manjusha, Mandakini, Bio-13, and Ceylon.
US-09-263-790-19
```

```
Query Match          24.3%; Score 6.8; DB 1; Length 10;
Best Local Similarity 80.0%; Pred. No. 96;
Matches 8; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      19 GGAGTCCAGG 28
      ||| ||| |||
DB      1 GGACTCCACG 10
```

```
RESULT 192
US-09-538-341-12
; Sequence 12, Application US/09538341
; Patent No. P13110
; GENERAL INFORMATION:
; APPLICANT: Kumar, Sushil
; APPLICANT: Bahl, Janak Raj
; APPLICANT: Bansal, Ravi Prakash
; APPLICANT: Niwas, Shri
; APPLICANT: Nagvi, Arif Ali
; APPLICANT: Khanuja, Sunam Preet Singh
; APPLICANT: Shasany, Ajit Kumar
; APPLICANT: Darokar, Mahendra Pandurang
; APPLICANT: Singh, Vikram
; APPLICANT: Sinha, Shweta
; TITLE OF INVENTION: Lipia alba plant named 'Bhurakshak'
; FILE REFERENCE: U-012701-4
; CURRENT APPLICATION NUMBER: US/09/538,341
; CURRENT FILING DATE: 2000-03-29
; NUMBER OF SEQ ID NOS: 13
; SEQ ID NO 12
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer for generating random amplified polymorphic DNA profile of
; OTHER INFORMATION: plant
US-09-538-341-12
```

```
Query Match          24.3%; Score 6.8; DB 1; Length 10;
Best Local Similarity 80.0%; Pred. No. 96;
Matches 8; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      19 GGAGTCCAGG 28
      ||| ||| |||
DB      1 GGACTCCACG 10
```

```
RESULT 193
US-09-785-716A-18
; Sequence 18, Application US/09785716A
```

```
; Patent No. P14090
; GENERAL INFORMATION:
; APPLICANT: Council of Scientific and Industrial Research
; APPLICANT: Dwivedi, Samresh
; APPLICANT: Singh, Maneesha
; APPLICANT: Singh, Ajay Pratap
; APPLICANT: Singh, Vandana
; APPLICANT: Khanuja, Sunam Preet Singh
; APPLICANT: Nagvi, Arif
; APPLICANT: Kuman, Sushil
; TITLE OF INVENTION: New Peppermint Plant Named 'PRANJAL'
; FILE REFERENCE: 41799/VGG/K375
; CURRENT APPLICATION NUMBER: US/09/785,716A
; CURRENT FILING DATE: 2001-02-16
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 18
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for RAPD profile
US-09-785-716A-18
```

```
Query Match          24.3%; Score 6.8; DB 1; Length 10;
Best Local Similarity 80.0%; Pred. No. 96;
Matches 8; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      19 GGAGTCCAGG 28
      ||| ||| |||
DB      1 GGACTCCACG 10
```

```
RESULT 194
US-09-799-880-19
; Sequence 19, Application US/09799880
; Patent No. P14400
; GENERAL INFORMATION:
; APPLICANT: Kumar, Sushil
; APPLICANT: Gupta, Ritika
; APPLICANT: Saxty, Kakraparthi
; APPLICANT: Banerjee, Suchitra
; APPLICANT: Mallavarapu, Gopal
; APPLICANT: Ramesh, Srinivas
; APPLICANT: Shasany, Ajit
; APPLICANT: Darokar, Mahendra
; APPLICANT: Khanuja, Sunam
; TITLE OF INVENTION: A NOVEL ROSE SCENTED GERANIUM PELARGONIUM GRAVBOLENS PLANT 'SAF
; FILE REFERENCE: 2734-102
; CURRENT APPLICATION NUMBER: US/09/799,880
; CURRENT FILING DATE: 2001-03-07
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 19
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-799-880-19
```

```
Query Match          24.3%; Score 6.8; DB 1; Length 10;
Best Local Similarity 80.0%; Pred. No. 96;
Matches 8; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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```
QY      19 GGAGTCCAGG 28
      ||| ||| |||
DB      1 GGACTCCACG 10
```

```
RESULT 195
US-08-388-353-660
; Sequence 660, Application US/08388353
```

Patent No. 6010895
GENERAL INFORMATION:
APPLICANT: Deacon, Nicholas J.
APPLICANT: Leamont, Jennifer C.
APPLICANT: McPhee, Dale A.
APPLICANT: McPhee, Suzanne
APPLICANT: Cooper, David
TITLE OF INVENTION: NON-PATHOGENIC STRAINS OF HIV-1
NUMBER OF SEQUENCES: 800
CORRESPONDENCE ADDRESS:
ADDRESSEE: Scully, Scott, Murphy & Presser
STREET: 400 Garden City Plaza
CITY: Garden City
STATE: New York
COUNTRY: United States
ZIP: 11530
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/388,353
FILING DATE: 14-FEB-1995
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Digilio, Frank S.
REGISTRATION NUMBER: 31,346
REFERENCE/DOCKET NUMBER: 9606
TELECOMMUNICATION INFORMATION:
TELEPHONE: (516) 742-4343
TELEFAX: (516) 742-4366
TELEX: 230 901 SANS UR
INFORMATION FOR SEQ. ID NO: 660:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-388-353-660
Query Match 24.3%; Score 6.8; DB 1; Length 10;
Best Local Similarity 80.0%; Pred. No. 96;
Matches 8; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 10 CGGTACAG 19
DB 1 CCTGTACTGG 10
RESULT 196
US-08-488-551B-660
Sequence 660, Application US/08488551B
Patent No. 6015661
GENERAL INFORMATION:
APPLICANT: Nicholas J. Deacon
APPLICANT: Dale A. McPhee
APPLICANT: David Cooper
TITLE OF INVENTION: NON-PATHOGENIC STRAINS OF HIV-1
NUMBER OF SEQUENCES: 841
CORRESPONDENCE ADDRESS:
ADDRESSEE: SCULLY, SCOTT, MURPHY & PRESSER
STREET: 400 GARDEN CITY PLAZA
CITY: GARDEN CITY
STATE: NEW YORK
COUNTRY: U.S.A.
ZIP: 11530-0299
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/488,551B
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PM3864 (AU)
FILING DATE: 14-FEB-1994
APPLICATION NUMBER: PM4002 (AU)
FILING DATE: 21-FEB-1994
APPLICATION NUMBER: PM284 (AU)
FILING DATE: 23-DEC-1994
APPLICATION NUMBER: US 08/388,353
FILING DATE: 14-FEB-1995
APPLICATION NUMBER: PM3021/95
FILING DATE: 17-MAY-1995
ATTORNEY/AGENT INFORMATION:
NAME: FRANK S. DIGILIO
REFERENCE/DOCKET NUMBER: 9606Z
TELECOMMUNICATION INFORMATION:
TELEPHONE: (516) 742-4343
TELEFAX: (516) 742-4366
INFORMATION FOR SEQ ID NO: 660:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-488-551B-660

Query Match 24.3%; Score 6.8; DB 1; Length 10;
Best Local Similarity 80.0%; Pred. No. 96;
Matches 8; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 10 CGGTACAG 19
DB 1 CCTGTACTGG 10

RESULT 197
US-09-537-186-13
Sequence 13, Application US/09537186
Patent No. 6534696
GENERAL INFORMATION:
APPLICANT: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH
TITLE OF INVENTION: A disease resistant high yielding variety Papaver somniferum ca
TITLE OF INVENTION: Rakshit
FILE REFERENCE: Q58615
CURRENT APPLICATION NUMBER: US/09/537,186
CURRENT FILING DATE: 2000-03-29
NUMBER OF SEQ ID NOS: 14
SOFTWARE: Patentin version 3.1
SEQ ID NO 13
LENGTH: 10
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: : Primer for generating ran
US-09-537-186-13

Query Match 24.3%; Score 6.8; DB 1; Length 10;
Best Local Similarity 80.0%; Pred. No. 96;
Matches 8; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 19 GGACTCCAG 28
DB 1 GGACTCCAG 10

RESULT 198
US-09-538-456-9
Sequence 9, Application US/09538456
Patent No. 6558940

```

GENERAL INFORMATION:
APPLICANT: Alam, Mansoor
APPLICANT: Sattar, Abdul
APPLICANT: Kumar, Sushil
APPLICANT: Samad, Abdul
APPLICANT: Dhawan, Om Prakash
APPLICANT: Khanuja, Sumat Preet Singh
APPLICANT: Shasany, Ajit Kumar
APPLICANT: Singh, Seema
APPLICANT: Kumar, Poovappallivadakehili Viswanathan Nair Ajay
APPLICANT: Khalique, Abdul
APPLICANT: Zaim, Mohammad
APPLICANT: Shahabuddin, Saba
APPLICANT: Trivedi, Mala
TITLE OF INVENTION: A novel Streptomyces strain with potential anti-microbial
FILE REFERENCE: 148920.00003
CURRENT APPLICATION NUMBER: US/09/538,456
CURRENT FILING DATE: 2000-03-20
NUMBER OF SEQ ID NOS: 10
SOFTWARE: Microsoft Word-97
SEQ ID NO 9
LENGTH: 10
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: primer
US-09-538-456-9

```

```

Query Match      24.3%; Score 6.8; DB 1; Length 10;
Best Local Similarity 80.0%; Pred. No. 96;
Matches 8; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 19 GGAGTCGAG 28
DB 1 GGAGTCGAG 10

```

```

RESULT 199
US-08-474-177-23/c
Sequence 23, Application US/08474177
Patent No. 5624819
GENERAL INFORMATION:
APPLICANT: Skolnick, Mark H.
APPLICANT: Canon-Aldright, Lisa A.
APPLICANT: Kamb, Alexander
TITLE OF INVENTION: GERMLINE MUTATIONS IN THE MTS GENE
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
STREET: 1201 New York Avenue, Suite 1000
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/474,177
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/03537
FILING DATE: 17-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/251,938
FILING DATE: 01-JUN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/215,087
FILING DATE: 18-MAR-1994

```

```

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/215,086
FILING DATE: 18-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/227,369
FILING DATE: 14-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/214,582
FILING DATE: 18-MAR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Ihnen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 24884-109348-E
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4810
TELEFAX: 202-962-8300
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: YES
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
US-08-474-177-23

```

```

Query Match      23.6%; Score 6.6; DB 1; Length 16;
Best Local Similarity 69.2%; Pred. No. 1,9e+02;
Matches 9; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 7 CTACGCTGACG 19
DB 13 CTTCCTGACG 1

```

```

RESULT 200
US-08-487-033-23/c
Sequence 23, Application US/08487033
Patent No. 5739027
GENERAL INFORMATION:
APPLICANT: Kamb, Alexander
APPLICANT: MTSI-Beta GENE
TITLE OF INVENTION: GERMLINE MUTATIONS IN THE MTS GENE
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
STREET: 1201 New York Avenue, Suite 1000
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/487,033
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/03316
FILING DATE: 17-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/251,938
FILING DATE: 01-JUN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/215,087
FILING DATE: 18-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/215,086
FILING DATE: 18-MAR-1994

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FILING DATE: 18-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/227,369
FILING DATE: 14-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/214,582
FILING DATE: 18-MAR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Ihnen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 24884-109348-C
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4810
TELEFAX: 202-962-8300
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: YES
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
US-08-487-033-23

Query Match 23.6%; Score 6.6; DB 1; Length 16;
Best Local Similarity 69.2%; Pred. No. 1.9e+02;
Matches 9; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 7 CTACGTGTACAG 19
DB 13 CTTCCTGACAG 1

RESULT 201
US-08-480-810-23/c
Sequence 23, Application US/08480810
Patent No. 5801236
GENERAL INFORMATION:
APPLICANT: Kamd, Alexander
TITLE OF INVENTION: MTSI GENE
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
STREET: 1201 New York Avenue, Suite 1000
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480,810
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/03316
FILING DATE: 17-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/251,938
FILING DATE: 01-JUN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/215,087
FILING DATE: 18-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/215,086
FILING DATE: 18-MAR-1994
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/227,369
FILING DATE: 14-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/214,582
FILING DATE: 18-MAR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Ihnen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 24884-109348
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4810
TELEFAX: 202-962-8300
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: YES
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
US-08-480-810-23

Query Match 23.6%; Score 6.6; DB 1; Length 16;
Best Local Similarity 69.2%; Pred. No. 1.9e+02;
Matches 9; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 7 CTACGTGTACAG 19
DB 13 CTTCCTGACAG 1

RESULT 202
US-08-508-735-23/c
Sequence 23, Application US/08508735
Patent No. 5843756
GENERAL INFORMATION:
APPLICANT: Stone, Steven
APPLICANT: Kamd, Alexander
TITLE OF INVENTION: MTS GENE AND THERAPEUTIC USE THEREOF
NUMBER OF SEQUENCES: 47
CORRESPONDENCE ADDRESS:
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
STREET: 1201 New York Avenue, Suite 1000
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/508,735
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US to be assigned
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/03316
FILING DATE: 17-MAR-1995
ATTORNEY/AGENT INFORMATION:
NAME: Ihnen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 24884-109348
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4848
TELEFAX: 202-962-8300

INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: YES
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
US-08-508-735-23

Query Match 23.6%; Score 6.6; DB 1; Length 16;
Best Local Similarity 69.2%; Pred. No. 1.9e+02;
Matches 9; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 7 CTACGTGTACAG 19
DB 13 CTTCCTGGACAG 1

RESULT 203
US-08-848-251-23/C
Sequence 23, Application US/08848251
Patent No. 5969815
GENERAL INFORMATION:
APPLICANT: Skolnick, Mark H.
APPLICANT: Cannon-Albright, Lisa A.
APPLICANT: Kamb, Alexander
TITLE OF INVENTION: GERMLINE MUTATIONS IN THE MTS GENE AND
TITLE OF INVENTION: METHOD FOR DETECTING PREDISPOSITION TO CANCER AT THE MTS
TITLE OF INVENTION: GENE
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
STREET: 1201 New York Avenue, Suite 1000
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/848,251
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/474,083
FILING DATE: 07-JUN-1995
APPLICATION NUMBER: PCT/US95/03537
FILING DATE: 17-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/251,938
FILING DATE: 01-JUN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/215,087
FILING DATE: 18-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/215,086
FILING DATE: 18-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/227,369
FILING DATE: 14-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/214,582
FILING DATE: 18-MAR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Ihnen, Jeffrey L.
REGISTRATION NUMBER: 28,957
TELECOMMUNICATION INFORMATION:

REFERENCE/DOCKET NUMBER: 24884-109348-G
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4810
TELEFAX: 202-962-8300
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: YES
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
US-08-848-251-23

Query Match 23.6%; Score 6.6; DB 1; Length 16;
Best Local Similarity 69.2%; Pred. No. 1.9e+02;
Matches 9; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 7 CTACGTGTACAG 19
DB 13 CTTCCTGGACAG 1

RESULT 204
US-08-486-047-23/C
Sequence 23, Application US/08486047
Patent No. 5994095
GENERAL INFORMATION:
APPLICANT: Kamb, Alexander
APPLICANT: MTS2 GENE
TITLE OF INVENTION: MTS2 GENE
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
STREET: 1201 New York Avenue, Suite 1000
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/486,047
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/03316
FILING DATE: 17-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/251,938
FILING DATE: 01-JUN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/215,087
FILING DATE: 18-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/215,086
FILING DATE: 18-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/227,369
FILING DATE: 14-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/214,582
FILING DATE: 18-MAR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Ihnen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 24884-109348-B
TELECOMMUNICATION INFORMATION:

TELEPHONE: 202-962-4810
TELEFAX: 202-962-8300
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: YES
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
US-08-486-047-23

Query Match 23.6%; Score 6.6; DB 1; Length 16;
Best Local Similarity 69.2%; Pred. No. 1.9e+02;
Matches 9; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 7 CTACGTGTACAG 19
Db 13 CTTCCTGACACG 1

RESULT 205
US-09-120-130-23/c
Sequence 23, Application US/09120130
Patent No. 6037462
GENERAL INFORMATION:
APPLICANT: Kamb, Alexander
TITLE OF INVENTION: MTS1 GENE
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSER: Venable, Baetjer, Howard & Civiletti, LLP
STREET: 1201 New York Avenue, Suite 1000
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/120,130
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/480,810
FILING DATE:
APPLICATION NUMBER: 08/251,938
FILING DATE: 01-JUN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/215,087
FILING DATE: 18-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/215,086
FILING DATE: 18-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/227,369
FILING DATE: 14-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/214,582
FILING DATE: 18-MAR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Ihnen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 24884-109348
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4810
TELEFAX: 202-962-8300

INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: YES
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
US-09-120-130-23

Query Match 23.6%; Score 6.6; DB 1; Length 16;
Best Local Similarity 69.2%; Pred. No. 1.9e+02;
Matches 9; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 7 CTACGTGTACAG 19
Db 13 CTTCCTGACACG 1

RESULT 206
US-09-115-252-23/c
Sequence 23, Application US/09115252
Patent No. 6060301
GENERAL INFORMATION:
APPLICANT: Kamb, Alexander
TITLE OF INVENTION: MTS1 GENE
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSER: Venable, Baetjer, Howard & Civiletti, LLP
STREET: 1201 New York Avenue, Suite 1000
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/115,252
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/480,810
FILING DATE: 07-JUN-1995
APPLICATION NUMBER: PCT/US95/03316
FILING DATE: 17-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/251,938
FILING DATE: 01-JUN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/215,087
FILING DATE: 18-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/215,086
FILING DATE: 18-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/227,369
FILING DATE: 14-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/214,582
FILING DATE: 18-MAR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Ihnen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 24884-109348
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4810
TELEFAX: 202-962-8300

INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: YES
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
US-09-115-252-23

Query Match 23.6%; Score 6.6; DB 1; Length 16;
Best Local Similarity 69.2%; Pred. No. 1.9e+02;
Matches 9; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 7 CTACGTGTACAG 19
DB 13 CTTCCGTGACAG 1

RESULT 207
US-08-986-515-23/c
Sequence 23, Application US/08986515
Patent No. 6090578
GENERAL INFORMATION:
APPLICANT: Kamb, Alexander
TITLE OF INVENTION: MTS1 GENE
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
STREET: 1201 New York Avenue, Suite 1000
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/986,515
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/480,810
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/251,938
FILING DATE: 01-JUN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/215,087
FILING DATE: 18-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/215,086
FILING DATE: 18-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/227,369
FILING DATE: 14-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/214,582
FILING DATE: 18-MAR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Ihnen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 24884-109348
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4810
TELEFAX: 202-962-8300
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:

LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: YES
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
US-08-986-515-23

Query Match 23.6%; Score 6.6; DB 1; Length 16;
Best Local Similarity 69.2%; Pred. No. 1.9e+02;
Matches 9; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 7 CTACGTGTACAG 19
DB 13 CTTCCGTGACAG 1

RESULT 208
US-09-120-128-23/c
Sequence 23, Application US/09120128
Patent No. 6140473
GENERAL INFORMATION:
APPLICANT: Kamb, Alexander
TITLE OF INVENTION: MTS2 GENE
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
STREET: 1201 New York Avenue, Suite 1000
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/120,128
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/486,047
FILING DATE: 07-JUN-1995
APPLICATION NUMBER: PCT/US95/03316
FILING DATE: 17-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/251,938
FILING DATE: 01-JUN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/215,087
FILING DATE: 18-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/215,086
FILING DATE: 18-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/227,369
FILING DATE: 14-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/214,582
FILING DATE: 18-MAR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Ihnen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 24884-109348-B
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4810
TELEFAX: 202-962-8300
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:


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?
? LENGTH: 16 base pairs
? TYPE: nucleic acid
? STRANDEDNESS: single
? TOPOLOGY: linear
? MOLECULE TYPE: DNA (genomic)
? HYPOTHETICAL: NO
? ANTI-SENSE: YES
? ORIGINAL SOURCE:
? ORGANISM: Homo sapiens
?
US-09-120-128-23

Query Match      23.6%; Score 6.6; DB 1; Length 16;
Best Local Similarity 69.2%; Pred. No. 1.9e+02;
Matches 9; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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OY      7 CTACGTGACAG 19
          |||||
Db      13 CTTCTGGACAG 1
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RESULT 209
US-09-120-129-23/c
Sequence 23, Application US/09120129
Patent No. 6180776
GENERAL INFORMATION:
APPLICANT: Kamb, Alexander
TITLE OF INVENTION: MTS2 GENE
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
STREET: 1201 New York Avenue, Suite 1000
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/120,129
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/486,047
FILING DATE: 07-JUN-1995
APPLICATION NUMBER: PCT/US95/03316
FILING DATE: 17-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/251,938
FILING DATE: 01-JUN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/215,087
FILING DATE: 18-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/215,086
FILING DATE: 18-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/227,369
FILING DATE: 14-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/214,582
FILING DATE: 18-MAR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Ihnen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 24884-109348-B
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4810
TELEFAX: 202-962-8300
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
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?
? LENGTH: 16 base pairs
? TYPE: nucleic acid
? STRANDEDNESS: single
? TOPOLOGY: linear
? MOLECULE TYPE: DNA (genomic)
? HYPOTHETICAL: NO
? ANTI-SENSE: YES
? ORIGINAL SOURCE:
? ORGANISM: Homo sapiens
?
US-09-120-129-23

Query Match      23.6%; Score 6.6; DB 1; Length 16;
Best Local Similarity 69.2%; Pred. No. 1.9e+02;
Matches 9; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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```
OY      7 CTACGTGACAG 19
          |||||
Db      13 CTTCTGGACAG 1
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RESULT 210
US-09-201-139-23/c
Sequence 23, Application US/09201139
Patent No. 6210949
GENERAL INFORMATION:
APPLICANT: Stone, Steven
APPLICANT: Jiang, Ping
APPLICANT: Kamb, Alexander
TITLE OF INVENTION: MTS GENE AND THERAPEUTIC USE THEREOF
NUMBER OF SEQUENCES: 47
CORRESPONDENCE ADDRESS:
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
STREET: 1201 New York Avenue, Suite 1000
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/201,139
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/508,735
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/03316
FILING DATE: 17-MAR-1995
ATTORNEY/AGENT INFORMATION:
NAME: Ihnen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 24884-109348
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4848
TELEFAX: 202-962-8300
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: YES
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
?
US-09-201-139-23

Query Match      23.6%; Score 6.6; DB 1; Length 16;
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Best Local Similarity 69.2%; Pred. No. 1.9e+02;
Matches 9; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 7 CTACGTGTACAGG 19
Db 13 CTTCTGTGACACG 1

RESULT 211

US-09-120-131-23/C
Sequence 23, Application US/09120131
Patent No. 6218146
GENERAL INFORMATION:
APPLICANT: Kamb, Alexander
TITLE OF INVENTION: MTS2 GENE
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
STREET: 1201 New York Avenue, Suite 1000
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/120,131
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/486,047
FILING DATE: 07-JUN-1995
APPLICATION NUMBER: PCT/US95/03316
FILING DATE: 17-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/251,938
FILING DATE: 01-JUN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/215,087
FILING DATE: 18-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/215,086
FILING DATE: 18-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/227,369
FILING DATE: 14-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/214,582
FILING DATE: 18-MAR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Ihnen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 24884-109348-B
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-8300
TELEFAX: 202-962-8300
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHEICAL: NO
ANTI-SENSE: YES
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
US-09-120-131-23
Query Match 23.6%; Score 6.6; DB 1; Length 16;

Best Local Similarity 69.2%; Pred. No. 1.9e+02;
Matches 9; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 7 CTACGTGTACAGG 19
Db 13 CTTCTGTGACACG 1

RESULT 212

US-08-522-384-34
Sequence 34, Application US/08522384
Patent No. 6110667
GENERAL INFORMATION:
APPLICANT: LOPEZ-NIETO, CARLOS E
APPLICANT: NIGAM, SANDAY KUMAR
TITLE OF INVENTION: PROCESSES, APPARATUS AND COMPOSITIONS FOR
TITLE OF INVENTION: CHARACTERIZING NUCLEOTIDE SEQUENCES
FILE REFERENCE: 2458-4029
CURRENT APPLICATION NUMBER: US/08/522,384
CURRENT FILING DATE: 1996-11-15
NUMBER OF SEQ ID NOS: 122
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 34
LENGTH: 10
TYPE: DNA
ORGANISM: Unknown Organism
FEATURE:
OTHER INFORMATION: Description of Unknown Organism: Primer
US-08-522-384-34

Query Match 22.9%; Score 6.4; DB 1; Length 10;
Best Local Similarity 87.5%; Pred. No. 1.2e+02;
Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 10 CGTGTACA 17
Db 3 CATGTACA 10

RESULT 213

US-09-425-798-12
Sequence 12, Application US/09425798A
Patent No. 6423493
GENERAL INFORMATION:
APPLICANT: Gorenstein Dr., David G.
APPLICANT: King Dr., David J.
APPLICANT: Ventura, Daniel A.
APPLICANT: Braeier Dr., Allan R.
TITLE OF INVENTION: Combinatorial Selection of Phosphothionate
TITLE OF INVENTION: Oligonucleotide Aptamers
FILE REFERENCE: 122144-1005
CURRENT APPLICATION NUMBER: US/09/425,798A
CURRENT FILING DATE: 1999-10-25
PRIOR APPLICATION NUMBER: 60/105,600
PRIOR FILING DATE: 1999-10-26
NUMBER OF SEQ ID NOS: 15
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 12
LENGTH: 10
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: aptamer
US-09-425-798-12

Query Match 22.9%; Score 6.4; DB 1; Length 10;
Best Local Similarity 87.5%; Pred. No. 1.2e+02;
Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 12 TGTACAGG 19
Db 3 TGTACAGG 10

```

RESULT 214
US-08-319-492B-24/c
; Sequence 24, Application US/08319492B
; Patent No. 5616488
; GENERAL INFORMATION:
; APPLICANT: Sullivan, Sean M.
; APPLICANT: Draper, Kenneth G.
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF IL-5
; NUMBER OF SEQUENCES: 751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/319,492B
; FILING DATE: October 7, 1994
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,885
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/276
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-319-492B-24

Query Match      22.1%; Score 6.2; DB 1; Length 15;
Best Local Similarity 72.7%; Pred. No. 2e+02;
Matches      8; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      14 TACAGGAGTC 24
DB      14 TACAGTAGGC 4

RESULT 215
US-09-989-789-2453
; Sequence 2453, Application US/09989789
; Patent No. 6588746
; GENERAL INFORMATION:
; APPLICANT: Liu, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; FILE REFERENCE: 8325-0011.20 / S11-US2
; CURRENT APPLICATION NUMBER: US/09/989,789

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; CURRENT FILING DATE: 2002-03-25
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2453
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; OTHER INFORMATION: DNA
US-09-989-789-2453

Query Match      21.4%; Score 6; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 4.1e+02;
Matches      6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2 GGGCCC 7
DB      3 GGGCCC 8

RESULT 216
US-09-989-789-2454
; Sequence 2454, Application US/09989789
; Patent No. 6588746
; GENERAL INFORMATION:
; APPLICANT: Liu, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; FILE REFERENCE: 8325-0011.20 / S11-US2
; CURRENT APPLICATION NUMBER: US/09/989,789
; CURRENT FILING DATE: 2002-03-25
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2454
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; OTHER INFORMATION: DNA
US-09-989-789-2454

Query Match      21.4%; Score 6; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 4.1e+02;
Matches      6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2 GGGCCC 7
DB      3 GGGCCC 8

RESULT 217
US-09-153-242-30/c
; Sequence 30, Application US/09153242
; Patent No. 6482592
; GENERAL INFORMATION:
; APPLICANT: Lundberg, Joakim
; TITLE OF INVENTION: MODULAR PROBES II
; FILE REFERENCE: 1181-242
; CURRENT APPLICATION NUMBER: US/09/153,242
; CURRENT FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: PCT/GB97/02629
; PRIOR FILING DATE: 1997-09-26
; NUMBER OF SEQ ID NOS: 63
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 30
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic

```

; OTHER INFORMATION: oligonucleotide H1-9
US-09-153-242-30

Query Match 21.4%; Score 6; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 4.1e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 GGGCCC 7
|||
Db 6 GGGCCC 1

RESULT 218
US-09-153-242-33/c

; Sequence 33, Application US/09153242
; Patent No. 6482592
; GENERAL INFORMATION:
; APPLICANT: Lundberg, Joakim
; APPLICANT: Uhlen, Mathias
; TITLE OF INVENTION: MODULAR PROBES II
; FILE REFERENCE: 1181-242
; CURRENT APPLICATION NUMBER: US/09/153,242
; CURRENT FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: PCT/GB97/02629
; PRIOR FILING DATE: 1997-09-26
; NUMBER OF SEQ ID NOS: 63
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 33
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide H3
US-09-153-242-33

Query Match 21.4%; Score 6; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 4.1e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 GGGCCC 7
|||
Db 7 GGGCCC 2

Search completed: April 19, 2004, 15:06:49
Job time : 1 secs

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: April 19, 2004, 15:10:53 ; Search time 0.001 Seconds
(without alignments)
68.488 Million cell updates/sec

Title: US-10-024-396-3-COPY

Perfect score: 28

Sequence: 1 cgggcctactgtacaggagaccagg 28

Scoring table: IDENTITY NUC
Gapop 10.0 , Gapext 0.5

Searched: 95 seqs, 1223 residues

Total number of hits satisfying chosen parameters: 190

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 132 summaries

Database : pbbd:*

Published - Applications - NA

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	20	71.4	20	1	US-10-024-396-19
2	20	71.4	20	1	US-10-024-396-20
3	14.2	50.7	19	1	US-08-983-605-203
4	14.2	50.7	21	1	US-08-853-105-19
5	13.4	47.9	20	1	US-09-918-779-35
6	13.2	47.1	20	1	US-10-159-856-39
7	13.2	47.1	20	1	US-10-159-856-105
8	12.4	44.3	19	1	US-10-184-372-23
9	12.2	43.6	17	1	US-09-882-945A-275
10	11.4	40.7	17	1	US-09-930-423-643
11	11.4	40.7	17	1	US-09-930-423-1045
12	11.4	40.7	17	1	US-09-930-423-1120
13	11.4	40.7	17	1	US-09-745-237A-643
14	11.4	40.7	17	1	US-09-745-237A-1045
15	11.4	40.7	17	1	US-09-745-237A-1120
16	11.2	40.0	17	1	US-09-818-875-2950
17	11.2	40.0	17	1	US-09-818-875-2951
18	11.2	40.0	17	1	US-10-156-306-7026
19	11.2	40.0	17	1	US-10-156-306-7027
20	11.2	40.0	17	1	US-10-238-700-1087
21	11.2	40.0	17	1	US-10-209-787-2950
22	11.2	40.0	17	1	US-10-209-787-2951
23	11.2	40.0	17	1	US-10-261-185-2950
24	11.2	40.0	17	1	US-10-261-185-2951
25	10.8	38.6	15	1	US-09-504-231A-143
26	10.8	38.6	15	1	US-09-504-231A-143
27	10.4	37.1	12	1	US-10-407-637-20
28	10.2	36.4	15	1	US-09-879-813-73
29	10.2	36.4	15	1	US-09-912-673A-55
30	10.2	36.4	15	1	US-10-146-505-73
31	10	35.7	15	1	US-10-193-507-83
32	10	35.7	15	1	US-09-504-231A-319
33	10	35.7	15	1	US-09-274-553D-319

34	10	35.7	15	1	US-10-193-507-51	Sequence 51, App1
35	9.8	35.0	14	1	US-08-591-486B-61	Sequence 61, App1
36	9.8	35.0	15	1	US-09-504-231A-137	Sequence 137, App1
37	9.8	35.0	15	1	US-09-274-553D-137	Sequence 137, App1
38	9.8	35.0	15	1	US-10-113-877-35	Sequence 35, App1
39	9.4	33.6	12	1	US-09-989-364-67	Sequence 67, App1
40	9.2	32.9	14	1	US-08-591-486B-164	Sequence 164, App1
41	9	32.1	10	1	US-10-330-627-29	Sequence 29, App1
42	8.8	31.4	12	1	US-09-989-364-67	Sequence 67, App1
43	8.8	31.4	13	1	US-10-104-307-26	Sequence 26, App1
44	8.4	30.0	10	1	US-09-851-871-85	Sequence 85, App1
45	8.4	30.0	10	1	US-10-329-465-242	Sequence 242, App1
46	8.4	30.0	10	1	US-10-390-045-14	Sequence 14, App1
47	8.4	30.0	10	1	US-10-330-627-1257	Sequence 1257, App1
48	8.4	30.0	10	1	US-10-438-683-7	Sequence 7, App1
49	8.4	30.0	10	1	US-10-444-206-85	Sequence 85, App1
50	8.4	30.0	11	1	US-09-249-155-45	Sequence 45, App1
51	8.4	30.0	11	1	US-09-851-871-86	Sequence 86, App1
52	8.4	30.0	11	1	US-10-314-322-45	Sequence 45, App1
53	8.4	30.0	11	1	US-10-444-206-86	Sequence 86, App1
54	8.4	30.0	12	1	US-09-851-871-87	Sequence 87, App1
55	8.4	30.0	12	1	US-10-444-206-87	Sequence 87, App1
56	8.2	29.3	17	1	US-10-238-700-3087	Sequence 3087, App1
57	8.2	29.3	20	1	US-10-024-396-19	Sequence 19, App1
58	8.2	29.3	20	1	US-10-024-396-20	Sequence 20, App1
59	8.2	29.3	21	1	US-09-853-105-19	Sequence 19, App1
60	8	28.6	9	1	US-09-989-789-2098	Sequence 2098, App1
61	8	28.6	9	1	US-09-989-789-2100	Sequence 2100, App1
62	8	28.6	9	1	US-09-989-789-2195	Sequence 2195, App1
63	8	28.6	9	1	US-09-989-789-2245	Sequence 2453, App1
64	8	28.6	9	1	US-09-989-789-2454	Sequence 2454, App1
65	8	28.6	9	1	US-09-990-186-2098	Sequence 2098, App1
66	8	28.6	9	1	US-09-990-186-2100	Sequence 2100, App1
67	8	28.6	9	1	US-09-990-186-2195	Sequence 2195, App1
68	8	28.6	9	1	US-09-990-186-2453	Sequence 2453, App1
69	8	28.6	9	1	US-09-990-186-2454	Sequence 2454, App1
70	8	28.6	9	1	US-09-989-994-2098	Sequence 2098, App1
71	8	28.6	9	1	US-09-989-994-2100	Sequence 2100, App1
72	8	28.6	9	1	US-09-989-994-2195	Sequence 2195, App1
73	8	28.6	9	1	US-09-989-994-2453	Sequence 2453, App1
74	8	28.6	9	1	US-09-989-994-2454	Sequence 2454, App1
75	8	28.6	9	1	US-10-376-341-97	Sequence 372, App1
76	8	28.6	10	1	US-10-293-322-372	Sequence 372, App1
77	8	28.6	10	1	US-10-027-632-52785	Sequence 52785, App1
78	8	28.6	10	1	US-10-027-632-52785	Sequence 52785, App1
79	8	28.6	10	1	US-10-314-578-1125	Sequence 1125, App1
80	8	28.6	10	1	US-10-033-145-49	Sequence 49, App1
81	8	28.6	10	1	US-10-033-145-1636	Sequence 1636, App1
82	8	28.6	10	1	US-10-195-383-12	Sequence 12, App1
83	8	28.6	10	1	US-10-330-627-464	Sequence 464, App1
84	8	28.6	10	1	US-10-330-627-674	Sequence 674, App1
85	8	28.6	10	1	US-10-330-627-936	Sequence 936, App1
86	8	28.6	11	1	US-09-918-115-40	Sequence 40, App1
87	8	28.6	11	1	US-09-943-115A-15	Sequence 15, App1
88	8	28.6	11	1	US-09-943-115A-16	Sequence 16, App1
89	8	28.6	11	1	US-10-027-632-176254	Sequence 176254, App1
90	8	28.6	11	1	US-10-027-632-176254	Sequence 176254, App1
91	7.8	27.9	11	1	US-09-249-155-236	Sequence 236, App1
92	7.8	27.9	11	1	US-10-223-126-175	Sequence 175, App1
93	7.8	27.9	11	1	US-10-104-307-24	Sequence 24, App1
94	7.8	27.9	11	1	US-10-314-322-336	Sequence 336, App1
95	7.8	27.9	11	1	US-10-314-322-674	Sequence 674, App1
96	7.8	27.9	12	1	US-09-929-097-19	Sequence 19, App1
97	7.8	27.9	12	1	US-09-900-112-55	Sequence 55, App1
98	7.8	27.9	12	1	US-09-900-112-60	Sequence 60, App1
99	7.8	27.9	12	1	US-10-193-938-2	Sequence 2, App1
100	7.8	27.1	15	1	US-09-912-673A-55	Sequence 55, App1
101	7.6	27.1	17	1	US-09-818-875-2950	Sequence 2950, App1
102	7.6	27.1	17	1	US-09-818-875-2951	Sequence 2951, App1
103	7.6	27.1	17	1	US-10-209-787-2950	Sequence 2950, App1
104	7.6	27.1	17	1	US-10-209-787-2951	Sequence 2951, App1
105	7.6	27.1	17	1	US-10-261-185-2950	Sequence 2950, App1
106	7.6	27.1	17	1	US-10-261-185-2951	Sequence 2951, App1

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C 107 7.6 27.1 17 1 US-10-261-185-2951
108 7.2 25.7 15 1 US-09-879-813-73
109 7.2 25.7 15 1 US-10-146-505-73
C 110 7.2 25.7 15 1 US-09-504-231A-319
C 111 7.2 25.7 15 1 US-09-274-553D-319
C 112 7.2 25.7 20 1 US-10-159-856-39
C 113 7.2 25.7 20 1 US-10-159-856-105
C 114 7.2 25.7 17 1 US-09-882-945A-275
C 115 6.8 24.3 12 1 US-09-929-507-19
116 6.8 24.3 14 1 US-08-591-466B-164
117 6.8 24.3 19 1 US-08-983-605-203
118 6.6 23.6 17 1 US-09-930-423-643
119 6.6 23.6 17 1 US-09-930-423-1045
120 6.6 23.6 17 1 US-09-930-423-1120
121 6.6 23.6 17 1 US-09-745-237A-643
122 6.6 23.6 17 1 US-09-745-237A-1045
123 6.6 23.6 17 1 US-09-745-237A-1120
C 124 6.4 22.9 11 1 US-10-027-632-176254
C 125 6.4 22.9 11 1 US-10-027-632-176254
126 6.2 22.1 12 1 US-10-407-637-20
127 6.2 22.1 9 1 US-09-989-789-2453
128 6.2 21.4 9 1 US-09-989-789-2454
129 6.2 21.4 9 1 US-09-990-186-2453
130 6.2 21.4 9 1 US-09-990-186-2454
131 6.2 21.4 9 1 US-09-989-994-2453
132 6.2 21.4 9 1 US-09-989-994-2454
```

ALIGNMENTS

```
RESULT 1
US-10-024-396-19/c
; Sequence 19, Application US/10024396
; Publication No. US20030147864A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF CD36L1 EXPRESSION
; FILE REFERENCE: RTS-0339
; CURRENT APPLICATION NUMBER: US/10/024,396
; CURRENT FILING DATE: 2001-12-18
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 19
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-024-396-19
```

```
Query Match 71.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 0.22;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
CY 1 CGGGCCCTACGTGTACAGGG 20
DB 20 CGGGCCCTACGTGTACAGGG 1
```

```
RESULT 2
US-10-024-396-20/c
; Sequence 20, Application US/10024396
; Publication No. US20030147864A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF CD36L1 EXPRESSION
; FILE REFERENCE: RTS-0339
; CURRENT APPLICATION NUMBER: US/10/024,396
; CURRENT FILING DATE: 2001-12-18
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
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```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-024-396-20
```

```
Query Match 71.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 0.22;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
CY 9 ACCTGTACAGGAGTCCAGG 28
DB 20 ACCTGTACAGGAGTCCAGG 1
```

```
RESULT 3
US-08-983-605-203/c
; Sequence 203, Application US/08983605A
; Publication No. US20020066118A1
; GENERAL INFORMATION:
; APPLICANT: Roder, Marion
; TITLE OF INVENTION: Microsatellite Markers for Plants of the Species
; TITLE OF INVENTION: Triticum Aestivum and Triticum and the Use of
; FILE REFERENCE: Said Markers
; FILE REFERENCE: 2936.10400
; CURRENT APPLICATION NUMBER: US/08/983,605A
; CURRENT FILING DATE: 1998-05-01
; EARLIER APPLICATION NUMBER: DE 195 25 284.5
; EARLIER FILING DATE: 1995-06-28
; NUMBER OF SEQ ID NOS: 466
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 203
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Triticum aestivum
US-08-983-605-203
```

```
Query Match 50.7%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```
CY 4 GCCTTAGCGCTACAGGAG 22
DB 19 GCCTTAGCGCTACAGGAG 1
```

```
RESULT 4
US-09-853-105-19
; Sequence 19, Application US/09853105
; Publication No. US20030149236A1
; GENERAL INFORMATION:
; APPLICANT: Hilton, Douglas J.
; TITLE OF INVENTION: A NOVEL HAEMOPHILIN RECEPTOR
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESS: SCULLY, SCOTT, MURPHY & PRESSER
; STREET: 400 Garden City Plaza
; CITY: Garden City
; STATE: New York
; COUNTRY: United States of America
; ZIP: 11530
; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/853,105
; FILING DATE: 10-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/702,665
; FILING DATE: 20-DEC-1996
; ATTORNEY/AGENT INFORMATION:
```

```

NAME: Presser, Leopold
REGISTRATION NUMBER: 19, 827
REFERENCE/DOCKET NUMBER: 10296
TELECOMMUNICATION INFORMATION:
TELEPHONE: (516) 742-4343
TELEFAX: (516) 742-4366
TELEX: 203 901 SANS UR
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 19:
US-09-853-105-19

Query Match      50.7%;   Score 14.2;   DB 1;   Length 21;
Best Local Similarity 84.2%;   Pred. No. 6.1;
Matches 16;   Conservative 0;   Mismatches 3;   Indels 0;   Gaps 0

Cy      10  CGGTACAGGAGATCCAG 28
Db      3  CCTGACTTGAGATCCAG 21

RESULT 5
US-09-918-779-35/c
; Sequence 35, Application US/09918779
; Publication No. US20030064369A1
GENERAL INFORMATION:
APPLICANT: Taupier, Raymond
APPLICANT: Padigaru, Murallidhara
APPLICANT: Rastelli, Luca
APPLICANT: Spaderina, Steven
APPLICANT: Shinkens, Richard
APPLICANT: Zernusen, Bryan
APPLICANT: Spytek, Kimberly
APPLICANT: Shenoy, Suresh
APPLICANT: Li, Li
APPLICANT: Gusev, Vladimir
APPLICANT: Grosse, William
APPLICANT: Alsbrook, John
APPLICANT: Lepley, Denise
APPLICANT: Burgess, Catherine
APPLICANT: Gerlach, Valerie
APPLICANT: Ellerman, Karen
APPLICANT: MacDougall, John
APPLICANT: Stone, David
APPLICANT: Smithson, Glenda
TITLE OF INVENTION: Novel Proteins and Nucleic Acids Encoding Same
FILE REFERENCE: 21402-074 US
CURRENT APPLICATION NUMBER: US/09/918, 779
CURRENT FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/221,409
PRIOR FILING DATE: 2000-07-28
PRIOR APPLICATION NUMBER: 60/222,840
PRIOR FILING DATE: 2000-08-04
PRIOR APPLICATION NUMBER: 60/223,752
PRIOR FILING DATE: 2000-08-08
PRIOR APPLICATION NUMBER: 60/223,762
PRIOR FILING DATE: 2000-08-08
PRIOR APPLICATION NUMBER: 60/223,770
PRIOR FILING DATE: 2000-08-08
PRIOR APPLICATION NUMBER: 60/223,769
PRIOR FILING DATE: 2000-08-08
PRIOR APPLICATION NUMBER: 60/225,146
PRIOR FILING DATE: 2000-08-14
PRIOR APPLICATION NUMBER: 60/225,392
PRIOR FILING DATE: 2000-08-15
PRIOR APPLICATION NUMBER: 60/225,470
PRIOR FILING DATE: 2000-08-15
PRIOR APPLICATION NUMBER: 60/225,697

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PRIORITY FILING DATE: 2000-08-16
PRIORITY APPLICATION NUMBER: 60/263,662
PRIORITY FILING DATE: 2001-02-01
PRIORITY APPLICATION NUMBER: 60/281,645
PRIORITY FILING DATE: 2001-04-05
NUMBER OF SEQ ID NOS: 61
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 35
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:Oligonucleotide
US-09-918-779-35

Query Match          47.9%;   Score 13.4;   DB 1;   Length 20;
Best Local Similarity 93.3%;   Pred. No. 8.5;
Matches 14;   Conservative 0;   Mismatches 1;   Indels 0;   Gaps 0;

QY      14  TACAGGAGTCCAGG 28
      |||
Db      17  TAGAGGAGTCCAGG 3

RESULT 6
US-10-159-856-39/c
; Sequence 39, Application US/10159856
; Publication No. US20030228689A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR KINASE 6 EXP
; FILE REFERENCE: RTS-0365
; CURRENT APPLICATION NUMBER: US/10/159,856
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 134
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-159-856-39

Query Match          47.1%;   Score 13.2;   DB 1;   Length 20;
Best Local Similarity 83.3%;   Pred. No. 9.4;
Matches 15;   Conservative 0;   Mismatches 3;   Indels 0;   Gaps 0;

QY      4  GCCCTACGCTACAGGGA 21
      |||
Db     19  GCGCATCGTTCAGGGA 2

RESULT 7
US-10-159-856-105
; Sequence 105, Application US/10159856
; Publication No. US20030228689A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR KINASE 6 EXP
; FILE REFERENCE: RTS-0365
; CURRENT APPLICATION NUMBER: US/10/159,856
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 134
; SEQ ID NO 105
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-159-856-105

```

Query Match 47.1%; Score 13.2; DB 1; Length 20;
 Best Local Similarity 83.3%; Pred. No. 9.4;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4 GGCCTACGTCACGGA 21
 DB 2 GGCACATCGTACAGGA 19

RESULT 8

US-10-184-372-23
 ; Sequence 23, Application US/10184372
 ; Publication No. US20030219852A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Bank, Rudolf A.
 ; APPLICANT: Van der Slot, Annemarie J.
 ; APPLICANT: Zuurmond, Anne-Marie
 ; APPLICANT: Te Koppelaar, Johannes M.
 ; TITLE OF INVENTION: Modification of collagenous materials and medical treatment, diag
 ; TITLE OF INVENTION: and monitoring of fibrotic conditions
 ; FILE REFERENCE: P601870S00
 ; CURRENT APPLICATION NUMBER: US/10/184,372
 ; PRIOR FILING DATE: 2003-06-19
 ; PRIOR APPLICATION NUMBER: US 09/450,209
 ; PRIOR FILING DATE: 1999-11-29
 ; NUMBER OF SEQ ID NOS: 59
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 23
 ; LENGTH: 19
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: primer
 ; US-10-184-372-23

Query Match 44.3%; Score 12.4; DB 1; Length 19;
 Best Local Similarity 92.9%; Pred. No. 13;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 15 ACAGGAGTCACAG 28
 DB 3 ACAGGATTCACAG 16

RESULT 9

US-09-882-945A-275
 ; Sequence 275, Application US/09882945A
 ; Publication No. US20030143535A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Lyamichev, Victor
 ; APPLICANT: Allahi, Hatim
 ; APPLICANT: Dong, Fang
 ; APPLICANT: Neri, Bruce
 ; APPLICANT: Vener, Tatiana
 ; TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
 ; FILE REFERENCE: FORS-04586
 ; CURRENT APPLICATION NUMBER: US/09/882,945A
 ; CURRENT FILING DATE: 2001-06-15
 ; NUMBER OF SEQ ID NOS: 334
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 275
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Synthetic
 ; US-09-882-945A-275

Query Match 43.6%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 12;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2 GGGCCCTACGTCACAG 18

DB 1 GGAACCTATGTCACAG 17

RESULT 10

US-09-930-423-643/c
 ; Sequence 643, Application US/09930423
 ; Publication No. US20030092003A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Blatt, Larry
 ; APPLICANT: McSwigen, Jim
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
 ; FILE REFERENCE: MHB00, 918-A 400/027
 ; CURRENT APPLICATION NUMBER: US/09/930,423
 ; CURRENT FILING DATE: 2001-08-15
 ; NUMBER OF SEQ ID NOS: 4553
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 643
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo Sapiens
 ; US-09-930-423-643

Query Match 40.7%; Score 11.4; DB 1; Length 17;
 Best Local Similarity 92.3%; Pred. No. 18;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 11 GTGTACAGGAGT 23
 DB 15 GTGTACAGGAGT 3

RESULT 11

US-09-930-423-1045/c
 ; Sequence 1045, Application US/09930423
 ; Publication No. US20030092003A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Blatt, Larry
 ; APPLICANT: McSwigen, Jim
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
 ; FILE REFERENCE: MHB00, 918-A 400/027
 ; CURRENT APPLICATION NUMBER: US/09/930,423
 ; CURRENT FILING DATE: 2001-08-15
 ; NUMBER OF SEQ ID NOS: 4553
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 1045
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo Sapiens
 ; US-09-930-423-1045

Query Match 40.7%; Score 11.4; DB 1; Length 17;
 Best Local Similarity 92.3%; Pred. No. 18;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 11 GTGTACAGGAGT 23
 DB 17 GTGTACAGGAGT 5

RESULT 12

US-09-930-423-1120/c
 ; Sequence 1120, Application US/09930423
 ; Publication No. US20030092003A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Blatt, Larry
 ; APPLICANT: McSwigen, Jim
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
 ; FILE REFERENCE: MHB00, 918-A 400/027
 ; CURRENT APPLICATION NUMBER: US/09/930,423

;; CURRENT FILING DATE: 2001-08-15
;; NUMBER OF SEQ ID NOS: 4553
;; SOFTWARE: PatentIn version 3.0
;; SEQ ID NO 1120
;; LENGTH: 17
;; TYPE: RNA
;; ORGANISM: Homo Sapiens
US-09-930-423-1120

Query Match 40.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 18;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 11 GTGTACAGGAGT 23
DB 14 GTGTACAGCGAGT 2

RESULT 13
US-09-745-237A-643/c
; Sequence 643, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MHB00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 643
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-643

Query Match 40.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 18;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 11 GTGTACAGGAGT 23
DB 15 GTGTACAGCGAGT 3

RESULT 14
US-09-745-237A-1045/c
; Sequence 1045, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MHB00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1045
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-1045

Query Match 40.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 18;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 11 GTGTACAGGAGT 23
|||||

DB 17 GTGTACAGGAGT 5

RESULT 15
US-09-745-237A-1120/c
; Sequence 1120, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MHB00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1120
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-1120

Query Match 40.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 18;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 11 GTGTACAGGAGT 23
DB 14 GTGTACAGCGAGT 2

RESULT 16
US-09-818-875-2950/c
; Sequence 2950, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmelec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedmann macro Napro4
; SEQ ID NO 2950
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-2950

Query Match 40.0%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 20;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 9 ACGTGTACAGGAGT 24
DB 17 ACTGTCCAGGAGGC 2

RESULT 17
US-09-818-875-2951
; Sequence 2951, Application US/09818875

```
Publication No. US20030051270A1
GENERAL INFORMATION:
APPLICANT: Kmiec, Eric B.
APPLICANT: Gamper, Howard B.
APPLICANT: Rice, Michael C.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
FILE REFERENCE: Napro-4
CURRENT APPLICATION NUMBER: US/09/818,875
CURRENT FILING DATE: 2001-03-27
PRIOR APPLICATION NUMBER: US 60/192,176
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/192,179
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/208,538
PRIOR FILING DATE: 2000-06-01
PRIOR APPLICATION NUMBER: US 60/244,989
PRIOR FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 4385
SOFTWARE: Friedman macro Napro4
SEQ ID NO 2951
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-818-875-2951
```

```
Query Match 40.0%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 20;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 9 ACGTGTACAGGAGTC 24
Db 1 ACTGTCCAGGAGGAGC 16
```

```
RESULT 18
US-10-156-306-7026
Sequence 7026, Application US/10156306
Publication No. US20030119017A1
GENERAL INFORMATION:
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
FILE REFERENCE: MEBH01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn version 3.0
SEQ ID NO 7026
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-156-306-7026
```

```
Query Match 40.0%; Score 11.2; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 20;
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 12 TGTACAGGAGTCCAG 27
Db 2 UGCAGAGGAGUACAG 17
```

```
RESULT 19
US-10-156-306-7027
Sequence 7027, Application US/10156306
Publication No. US20030119017A1
GENERAL INFORMATION:
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
FILE REFERENCE: MEBH01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn version 3.0
SEQ ID NO 7027
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-156-306-7027
```

```
FILE REFERENCE: MEBH01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn version 3.0
SEQ ID NO 7027
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-156-306-7027
```

```
Query Match 40.0%; Score 11.2; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 20;
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 12 TGTACAGGAGTCCAG 27
Db 1 UGCAGAGGAGUACAG 16
```

```
RESULT 20
US-10-238-700-3087
Sequence 3087, Application US/10238700
Publication No. US20030153521A1
GENERAL INFORMATION:
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Lev
FILE REFERENCE: 400/057 (MEBH01-1158-A)
CURRENT APPLICATION NUMBER: US/10/238,700
CURRENT FILING DATE: 2002-09-18
PRIOR APPLICATION NUMBER: PCT/US 02/16840
PRIOR FILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: US 60/318,471
PRIOR FILING DATE: 2001-09-10
NUMBER OF SEQ ID NOS: 4666
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3087
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-238-700-3087
```

```
Query Match 40.0%; Score 11.2; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 20;
Matches 12; Conservative 1; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 7 CTACGTGTACAGGAG 22
Db 1 CCACCAGUACAGGAG 16
```

```
RESULT 21
US-10-209-787-2950/C
Sequence 2950, Application US/10209787
Publication No. US20030217377A1
GENERAL INFORMATION:
APPLICANT: Kmiec, Eric B.
APPLICANT: Gamper, Howard B.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
FILE REFERENCE: Napro-4
CURRENT APPLICATION NUMBER: US/10/209,787
CURRENT FILING DATE: 2002-07-30
PRIOR APPLICATION NUMBER: US 09/818,875
PRIOR FILING DATE: 2001-03-27
PRIOR APPLICATION NUMBER: US 60/192,176
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/208,538
PRIOR FILING DATE: 2000-06-01
```

```

; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2950
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-2950

Query Match
Best Local Similarity 40.0%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 20;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 9 ACGGTACAGGAGTC 24
Db 17 ACTGTCCAGGAGGC 2

RESULT 22
US-10-209-787-2951
; Sequence 2951, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2951
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-2951

Query Match
Best Local Similarity 40.0%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 20;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 9 ACGGTACAGGAGTC 24
Db 17 ACTGTCCAGGAGGC 16

RESULT 23
US-10-261-185-2950/c
; Sequence 2950, Application US/10261185
; Publication No. US20040014057A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4CON
; CURRENT APPLICATION NUMBER: US/10/261,185
; CURRENT FILING DATE: 2002-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/09761
```

```

; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2950
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-261-185-2950

Query Match
Best Local Similarity 40.0%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 20;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 9 ACGGTACAGGAGTC 24
Db 17 ACTGTCCAGGAGGC 2

RESULT 24
US-10-261-185-2951
; Sequence 2951, Application US/10261185
; Publication No. US20040014057A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4CON
; CURRENT APPLICATION NUMBER: US/10/261,185
; CURRENT FILING DATE: 2002-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/09761
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2951
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-261-185-2951

Query Match
Best Local Similarity 40.0%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 20;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 9 ACGGTACAGGAGTC 24
Db 17 ACTGTCCAGGAGGC 16

RESULT 25
US-09-504-231A-143
; Sequence 143, Application US/09504231A
; Patent No. US20020013458A1
; GENERAL INFORMATION:
; APPLICANT: Blat, Lawrence
; APPLICANT: McSwiggen, James
```

```

; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION
; FILE REFERENCE: rpl 247/282
; CURRENT APPLICATION NUMBER: US/09/504,231A
; PRIOR FILING DATE: 2000-02-15
; PRIOR APPLICATION NUMBER: 09/274,553
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1998-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3242
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 143
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-504-231A-143

```

```

Query Match      38.6%; Score 10.8; DB 1; Length 15;
Best Local Similarity 71.4%; Pred. No. 19;
Matches 10; Conservative 2; Mismatches 0; Gaps 0;

```

```

QY      2 GGGCCTACGTGA 15
        |||||:|:|:|
DB      1 GGGCCCGCGUGCA 14

```

```

RESULT 26
US-09-274-553D-143
; Sequence 143, Application US/09274553D
; Patent No. US20020082225A1
; GENERAL INFORMATION:
; APPLICANT: Blact, Lawrence
; APPLICANT: McSwigen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION
; FILE REFERENCE: rpl 247/282
; CURRENT APPLICATION NUMBER: US/09/274,553D
; CURRENT FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3148
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 143
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-274-553D-143

```

```

Query Match      38.6%; Score 10.8; DB 1; Length 15;
Best Local Similarity 71.4%; Pred. No. 19;
Matches 10; Conservative 2; Mismatches 0; Gaps 0;

```

```

QY      2 GGGCCTACGTGA 15
        |||||:|:|:|
DB      1 GGGCCCGCGUGCA 14

```

```

RESULT 27
US-10-407-637-20/c
; Sequence 20, Application US/10407637
; Publication No. US20030194736A1
; GENERAL INFORMATION:
; APPLICANT: Bitnate, Jurate
; TITLE OF INVENTION: Methods and Compositions For DNA Manipulation
; FILE REFERENCE: NEB-203-US
; CURRENT APPLICATION NUMBER: US/10/407,637
; PRIOR FILING DATE: 2003-04-04
; PRIOR APPLICATION NUMBER: US 60/372,352
; PRIOR FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 60/372,675
; PRIOR FILING DATE: 2002-04-15
; PRIOR APPLICATION NUMBER: US 60/421,010
; PRIOR FILING DATE: 2002-10-24
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20
; LENGTH: 12
; TYPE: DNA
; ORGANISM: unknown
; FEATURE:
; OTHER INFORMATION: mutated pUC19
US-10-407-637-20

```

```

Query Match      37.1%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 15;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY      6 CCTACGTGACA 17
        |||||:|:|:|
DB      12 CCTAGGTGACA 1

```

```

RESULT 28
US-09-879-813-73/c
; Sequence 73, Application US/09879813
; Patent No. US20020155453A1
; GENERAL INFORMATION:
; APPLICANT: Sale, Julian E.
; APPLICANT: Neuberger, Michael S.
; APPLICANT: Cumbers, Sarah J.
; TITLE OF INVENTION: Method of Generating Diversity
; FILE REFERENCE: 18396/2005
; CURRENT APPLICATION NUMBER: US/09/879,813
; CURRENT FILING DATE: 2001-06-11
; PRIOR APPLICATION NUMBER: 09/828,717
; PRIOR FILING DATE: 2001-06-04
; PRIOR APPLICATION NUMBER: PCT/GB99/03358
; PRIOR FILING DATE: 1999-10-08
; NUMBER OF SEQ ID NOS: 87
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 73
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (7)..(10)
; OTHER INFORMATION: F264
; OTHER INFORMATION: The sequence ACA replaces the sequence GAGAG.46bp.CGTC
US-09-879-813-73

```

```

Query Match      36.4%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 26;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

QY      4 GCGCCAGGTACAG 18
        |||||:|:|:|
DB      15 GCGCCATGTGACAG 1

```

RESULT 29
US-09-912-673A-55/c
; Sequence 55, Application US/09912673A
; Publication No. US20030186230A1
; GENERAL INFORMATION:
; APPLICANT: Ye, Bangee
; TITLE OF INVENTION: MEDIUM AND LOW DENSITY GENE CHIPS
; FILE REFERENCE: JNB 100
; CURRENT APPLICATION NUMBER: US/09/912, 673A
; PRIOR FILING DATE: 2001-07-23
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 55
; LENGTH: 15
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: P(gg)1 DNA probe
US-09-912-673A-55

Query Match 36.4%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 26;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 10 CGGTACAGGAGGCTC 24
DB 15 CTTGTCAGGAGAGGC 1

RESULT 30
US-10-146-505-73/c
; Sequence 73, Application US/10146505
; Publication No. US20030108889A1
; GENERAL INFORMATION:
; APPLICANT: Sale, Julian E.
; APPLICANT: Neuberger, Michael S.
; APPLICANT: Cumbers, Sarah J.
; TITLE OF INVENTION: Method of Generating Diversity
; FILE REFERENCE: 18396/2005B
; CURRENT APPLICATION NUMBER: US/10/146,505
; PRIOR FILING DATE: 2002-11-18
; PRIOR APPLICATION NUMBER: 09/828,717
; PRIOR FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: 09/879,813
; PRIOR FILING DATE: 2001-06-11
; PRIOR APPLICATION NUMBER: PCT/GB99/03358
; PRIOR FILING DATE: 1999-10-08
; PRIOR APPLICATION NUMBER: GB 9822104.7
; PRIOR FILING DATE: 1998-10-09
; PRIOR APPLICATION NUMBER: GB 9901141.3
; PRIOR FILING DATE: 1999-01-19
; PRIOR APPLICATION NUMBER: GB 9913435.5
; PRIOR FILING DATE: 1999-06-09
; NUMBER OF SEQ ID NOS: 127
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 73
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (7)..(10)
; OTHER INFORMATION: F264
; OTHER INFORMATION: The sequence ACA replaces the sequence GAGAG.46bp.CGTC
US-10-146-505-73

Query Match 36.4%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 26;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4 GCCCTACGTGTCACAG 18

DB 15 GCCCATGTGCACAG 1

RESULT 31
US-10-193-507-83
; Sequence 83, Application US/10193507
; Publication No. US20040018493A1
; GENERAL INFORMATION:
; APPLICANT: Anastasio, Allison E.
; APPLICANT: Kazemi, Amir
; APPLICANT: Lachowicz, Michael F.
; APPLICANT: Babon, Vicente
; APPLICANT: Shah, Nisha
; TITLE OF INVENTION: HAPLOTYPES OF THE CD3E GENE
; FILE REFERENCE: MMH-2790US
; CURRENT APPLICATION NUMBER: US/10/193,507
; PRIOR FILING DATE: 2002-07-12
; PRIOR APPLICATION NUMBER: 60/304,573
; PRIOR FILING DATE: 2001-07-11
; NUMBER OF SEQ ID NOS: 86
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 83
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-193-507-83

Query Match 35.7%; Score 10; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 13;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 15 ACAGGAGGCTC 24
DB 1 ACAGGAGGCTC 10

RESULT 32
US-09-504-231A-319
; Sequence 319, Application US/09504231A
; Patent No. US20020013458A1
; GENERAL INFORMATION:
; APPLICANT: Blatte, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Payco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMAITC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELA
; FILE REFERENCE: rpi 247/282
; CURRENT APPLICATION NUMBER: US/09/504,231A
; PRIOR FILING DATE: 2000-02-15
; PRIOR APPLICATION NUMBER: 09/274,553
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3242
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 319
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-504-231A-319

Query Match 35.7%; Score 10; DB 1; Length 15;
Best Local Similarity 90.0%; Pred. No. 29;
Matches 9; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 19 GGAGTCCAGG 28
 Db 3 GGAGTCCAGG 12

RESULT 33

US-09-274-553D-319
 ; Sequence 319, Application US/09274553D
 ; Patent No. US20020082225A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Blatt, Lawrence
 ; APPLICANT: McSwigen, James
 ; APPLICANT: Roberts, Beth
 ; APPLICANT: Pavco, Pamela
 ; APPLICANT: Macejak, Dennis
 ; TITLE OF INVENTION: ENZYMAITC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
 ; TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION
 ; FILE REFERENCE: rpi 247/282
 ; CURRENT APPLICATION NUMBER: US/09/274,553D
 ; CURRENT FILING DATE: 1999-03-23
 ; PRIOR APPLICATION NUMBER: 09/257,608
 ; PRIOR FILING DATE: 1999-02-24
 ; PRIOR APPLICATION NUMBER: 60/100,842
 ; PRIOR FILING DATE: 1998-09-18
 ; PRIOR APPLICATION NUMBER: 60/083,217
 ; PRIOR FILING DATE: 1998-04-27
 ; NUMBER OF SEQ ID NOS: 3148
 ; SOFTWARE: Patentin version 3.0
 ; SEQ ID NO 319
 ; LENGTH: 15
 ; TYPE: RNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
 US-09-274-553D-319

Query Match 35.7%; Score 10; DB 1; Length 15;
 Best Local Similarity 90.0%; Pred. No. 29;
 Matches 9; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 19 GGAGTCCAGG 28
 Db 3 GGAGTCCAGG 12

RESULT 34

US-10-193-507-51
 ; Sequence 51, Application US/10193507
 ; Publication No. US20040018493A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Anastasio, Alison E.
 ; APPLICANT: Kazemli, Amir
 ; APPLICANT: Lachowicz, Michael F.
 ; APPLICANT: Pabon, Vincente
 ; APPLICANT: Shah, Nisha
 ; TITLE OF INVENTION: HAPLOTYPES OF THE CD3E GENE
 ; FILE REFERENCE: MMH-2790US
 ; CURRENT APPLICATION NUMBER: US/10/193,507
 ; CURRENT FILING DATE: 2002-07-12
 ; PRIOR APPLICATION NUMBER: 60/304,573
 ; PRIOR FILING DATE: 2001-07-11
 ; NUMBER OF SEQ ID NOS: 86
 ; SOFTWARE: Patentin version 3.1
 ; SEQ ID NO 51
 ; LENGTH: 15
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-10-193-507-51

Query Match 35.7%; Score 10; DB 1; Length 15;
 Best Local Similarity 100.0%; Pred. No. 29;
 Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 15 ACAGGAGATC 24
 Db 4 ACAGGAGATC 13

RESULT 35

US-08-591-486B-61
 ; Sequence 61, Application US/08591486B
 ; Publication No. US20020037866A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Schlengerslepen, Georg F
 ; APPLICANT: Schlengerslepen, Reimar
 ; APPLICANT: Schlengerslepen, Karl-Hermann
 ; APPLICANT: Gelligen, Wolfgang Blysch
 ; TITLE OF INVENTION: A Pharmaceutical Composition
 ; TITLE OF INVENTION: Comprising Antisense-Nucleic Acid for Prevention and/or Treat
 ; TITLE OF INVENTION: of Neuronal Injury, Degeneration and Cell Death and for the
 ; TITLE OF INVENTION: Treatment of Neoplasms
 ; NUMBER OF SEQUENCES: 185
 ; CORRESPONDENCE ADDRESSES:
 ; ADDRESSER: Jacobson, Price, Holman & Stern
 ; STREET: 400 Seventh Street, N.W.
 ; CITY: Washington, D.C
 ; COUNTRY: U.S.A.
 ; ZIP: 20004
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/591,486B
 ; FILING DATE: 11-JAN-1995
 ; CLASSIFICATION: 514
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: EP 93111059.7
 ; FILING DATE: 10-JUL-1993
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: BCT/EP94/02218
 ; FILING DATE: 6-JUL-1994
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Player, William E.
 ; REGISTRATION NUMBER: 31,409
 ; REFERENCE/DOCKET NUMBER: 10496/P60122
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (202) 638-6666
 ; TELEFAX: (202) 393-9350
 ; TELEX: RCA 248593 IDEA UR
 ; INFORMATION FOR SEQ ID NO: 61:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 14 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: unknown
 ; TOPOLOGY: unknown
 ; MOLECULE TYPE: DNA (genomic)
 ; ANTI-SENSE: YES
 US-08-591-486B-61

Query Match 35.0%; Score 9.8; DB 1; Length 14;
 Best Local Similarity 84.6%; Pred. No. 28;
 Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 10 CGGTACAGGAG 22
 Db 2 CGGTACAGGAG 14

RESULT 36

US-09-504-231A-137
 ; Sequence 137, Application US/09504231A
 ; Patent No. US20020013458A1
 ; GENERAL INFORMATION:

```

; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMAITIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION
; FILE REFERENCE: rpi 247/282
; CURRENT APPLICATION NUMBER: US/09/504,231A
; CURRENT FILING DATE: 2000-02-15
; PRIOR APPLICATION NUMBER: 09/274,553
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3242
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 137
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-504-231A-137

```

```

Query Match      35.0%; Score 9.8; DB 1; Length 15;
Best Local Similarity 61.5%; Pred. No. 32;
Matches 8; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

```

```

Qy      3 GGGCTACGTGTA 15
Db      2 GGGCCUACGUAVA 14

```

```

RESULT 37
US-09-274-553D-137
; Sequence 137, Application US/09274553D
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMAITIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION
; FILE REFERENCE: rpi 247/282
; CURRENT APPLICATION NUMBER: US/09/274,553D
; CURRENT FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3148
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 137
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-274-553D-137

```

```

Query Match      35.0%; Score 9.8; DB 1; Length 15;
Best Local Similarity 61.5%; Pred. No. 32;
Matches 8; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

```

```

Qy      3 GGGCTACGTGTA 15

```

```

Db      2 GGGCCUACGUAVA 14

RESULT 38
US-10-113-877-35
; Sequence 35, Application US/10113877
; Publication No. US20020177218A1
; GENERAL INFORMATION:
; APPLICANT: Fang, Yu
; APPLICANT: Wang, Xiao-Yang
; APPLICANT: Turpin, Pierre
; TITLE OF INVENTION: Methods of detecting multiple DNA
; TITLE OF INVENTION: binding protein and DNA interactions in a sample, and
; TITLE OF INVENTION: devices, systems and kits for practicing the same.
; FILE REFERENCE: CLON-071
; CURRENT APPLICATION NUMBER: US/10/113,877
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: 60/280,658
; PRIOR FILING DATE: 2001-03-30
; PRIOR APPLICATION NUMBER: 60/314,330
; PRIOR FILING DATE: 2001-08-20
; NUMBER OF SEQ ID NOS: 192
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 35
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-113-877-35

```

```

Query Match      35.0%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 32;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

Qy      13 GTACAGGAGTCC 25
Db      2 GTACAGGAGTTC 14

```

```

RESULT 39
US-09-989-364-67
; Sequence 67, Application US/09989364
; Publication No. US20030003463A1
; GENERAL INFORMATION:
; APPLICANT: Rothenberg, Jonathan M
; APPLICANT: Nallur, Girish N
; APPLICANT: Hu, Xinghua
; TITLE OF INVENTION: Methode and Devices for Measuring
; TITLE OF INVENTION: Differential Gene Expression
; FILE REFERENCE: 7934-052
; CURRENT APPLICATION NUMBER: US/09/989,364
; CURRENT FILING DATE: 2001-11-21
; PRIOR APPLICATION NUMBER: 09/203,231
; PRIOR FILING DATE: 1998-12-02
; NUMBER OF SEQ ID NOS: 88
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 67
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-989-364-67

```

```

Query Match      33.6%; Score 9.4; DB 1; Length 12;
Best Local Similarity 90.9%; Pred. No. 26;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

Qy      6 CCTACGCTGAC 16
Db      2 CCTACGCTGAC 12

```

RESULT 40
US-08-591-486B-164/c
; Sequence 164, Application US/08591486B
; Publication No. US20020037866A1
; GENERAL INFORMATION:
; APPLICANT: Schlingensiepen, Georg F
; APPLICANT: Schlingensiepen, Reimar
; APPLICANT: Schlingensiepen, Karl-Hermann
; APPLICANT: Gottingen, Wolfgang Brysch
; TITLE OF INVENTION: A Pharmaceutical Composition
; TITLE OF INVENTION: Comprising Antisense-Nucleic Acid for Prevention and/or Treatm
; TITLE OF INVENTION: of Neuronal Injury, Degeneration and Cell Death and for the
; NUMBER OF SEQUENCES: 185
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jacobson, Price, Holman & Stern
; STREET: 400 Seventh Street, N.W.
; CITY: Washington, D.C.
; COUNTRY: U.S.A.
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/591,486B
; FILING DATE: 11-JAN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 93111059.7
; FILING DATE: 10-JUL-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/EP94/02218
; FILING DATE: 6-JUL-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Player, William F.
; REGISTRATION NUMBER: 31,409
; REFERENCE/DOCKET NUMBER: 10496/Pe0122
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 638-6666
; TELEFAX: (202) 393-9350
; TELEX: RCA 248593 IDBA UR
; INFORMATION FOR SEQ ID NO: 164:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
; ANTI-SENSE: YES
; US-08-591-486B-164

Query Match 32.9%; Score 9.2; DB 1; Length 14;
Best Local Similarity 78.6%; Pred. No. 38;
Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 6 CCTACGTGTACAGG 19
DB 14 CCTCTGTATACAGG 1

RESULT 41
US-10-330-627-29
; Sequence 29, Application US/10330627
; Publication No. US2003017571A1
; GENERAL INFORMATION:
; APPLICANT: Velculescu, Victor E.
; APPLICANT: Kinzler, Kenneth W
; APPLICANT: Vogelstein, Bert
; TITLE OF INVENTION: Human Transcripts

FILE REFERENCE: 001107.00319
; CURRENT APPLICATION NUMBER: US/10/330,627
; CURRENT FILING DATE: 2002-12-30
; PRIOR APPLICATION NUMBER: US 09/448,480
; PRIOR FILING DATE: 1999-11-24
; NUMBER OF SEQ ID NOS: 1564
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 29
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-330-627-29

Query Match 32.1%; Score 9; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 20 GAGTCCAGG 28
DB 2 GAGTCCAGG 10

RESULT 42
US-09-989-364-67/c
; Sequence 67, Application US/09989364
; Publication No. US20030003463A1
; GENERAL INFORMATION:
; APPLICANT: Rotberg, Jonathan M
; APPLICANT: Nallur, Girish N
; APPLICANT: Hu, Xinghua
; TITLE OF INVENTION: Methods and Devices for Measuring
; TITLE OF INVENTION: Differential Gene Expression
; FILE REFERENCE: 7934-052
; CURRENT APPLICATION NUMBER: US/09/989,364
; CURRENT FILING DATE: 2001-11-21
; PRIOR APPLICATION NUMBER: 09/203,231
; PRIOR FILING DATE: 1998-12-02
; NUMBER OF SEQ ID NOS: 88
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 67
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
; US-09-989-364-67

Query Match 31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 35;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 13 GTACAGGAGTC 24
DB 12 GTACAGGTAGGC 1

RESULT 43
US-10-104-307-26
; Sequence 26, Application US/10104307
; Publication No. US20030180729A1
; GENERAL INFORMATION:
; APPLICANT: GUNNING, Kerry B.
; APPLICANT: POWDRILL, Tom
; APPLICANT: HOGAN, Michael
; TITLE OF INVENTION: Hybridization Rate Enhancement for Substrate-Bound Specific Nuc
; TITLE OF INVENTION: Binding Agents
; FILE REFERENCE: 053960.0001/US
; CURRENT APPLICATION NUMBER: US/10/104,307
; CURRENT FILING DATE: 2002-03-22
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 26
; LENGTH: 13


```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(13)
; OTHER INFORMATION: synthetic oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: 5' amine modification
US-10-104-307-26

Query Match
Best Local Similarity 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 40;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGAGT 23
Db 2 TGTACAGGAGT 13

RESULT 44
US-09-851-871-85/c
; Sequence 85, Application US/09851871
; Publication No. US20030176374A1
; GENERAL INFORMATION:
; APPLICANT: Bennett, Clarence Frank
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the
; TITLE OF INVENTION: Modulation of the Expression of B7 Protein
; FILE REFERENCE: ISPH-0543
; CURRENT APPLICATION NUMBER: US/09/851,871
; CURRENT FILING DATE: 2001-05-09
; PRIOR APPLICATION NUMBER: PCT/US00/14471
; PRIOR FILING DATE: 2000-05-25
; PRIOR APPLICATION NUMBER: 09/326,186
; PRIOR FILING DATE: 1999-06-04
; PRIOR APPLICATION NUMBER: 08/777,266
; PRIOR FILING DATE: 1996-12-31
; NUMBER OF SEQ ID NOS: 284
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 85
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-851-871-85

Query Match
Best Local Similarity 30.0%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 31;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 13 GTACAGGAG 22
Db 10 GTACAGGAG 1

RESULT 45
US-10-329-465-242/c
; Sequence 242, Application US/10329465
; Publication No. US20030165949A1
; GENERAL INFORMATION:
; APPLICANT: Wang et al.
; TITLE OF INVENTION: GENES ABNORMALLY EXPRESSED IN MYELOID LEUKEMIA CELLS WITH AN MLL-
; FILE REFERENCE: 27373/37928A
; CURRENT APPLICATION NUMBER: US/10/329,465
; CURRENT FILING DATE: 2002-12-23
; PRIOR APPLICATION NUMBER: US 60/343,826
; PRIOR FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 315
; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 242
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-329-465-242

Query Match
Best Local Similarity 30.0%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 31;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 12 TGTACAGGGA 21
Db 10 TGTACAGGGA 1

RESULT 46
US-10-390-045-14
; Sequence 14, Application US/10390045
; Publication No. US20030170713A1
; GENERAL INFORMATION:
; APPLICANT: SRIVASTAVA, SHIV
; APPLICANT: MOUL, JUDD W.
; APPLICANT: XU, LINDA L.
; TITLE OF INVENTION: PROSTATE-SPECIFIC ANDROGEN-SIGNALING-ASSOCIATED
; TITLE OF INVENTION: POINT-TO-POINT ARRAY
; FILE REFERENCE: 04995.0057-00000
; CURRENT APPLICATION NUMBER: US/10/390,045
; CURRENT FILING DATE: 2003-03-18
; PRIOR APPLICATION NUMBER: US/09/769,482
; PRIOR FILING DATE: 2001-01-26
; PRIOR APPLICATION NUMBER: 60/178,772
; PRIOR FILING DATE: 2000-01-28
; PRIOR APPLICATION NUMBER: 60/179,045
; PRIOR FILING DATE: 2000-01-31
; NUMBER OF SEQ ID NOS: 67
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 14
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-390-045-14

Query Match
Best Local Similarity 30.0%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 31;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 13 GTACAGGAG 22
Db 1 GTACAGGAG 10

RESULT 47
US-10-330-627-1257/c
; Sequence 1257, Application US/10330627
; Publication No. US20030175771A1
; GENERAL INFORMATION:
; APPLICANT: Velculescu, Victor E.
; APPLICANT: Kinzler, Kenneth W.
; APPLICANT: Vogelstein, Bert
; TITLE OF INVENTION: Human Transcriptomes
; FILE REFERENCE: 001107.00319
; CURRENT APPLICATION NUMBER: US/10/330,627
; CURRENT FILING DATE: 2002-12-30
; PRIOR APPLICATION NUMBER: US 09/448,480
; PRIOR FILING DATE: 1999-11-24
; NUMBER OF SEQ ID NOS: 1564
; SOFTWARE: FastSeq for Windows Version 4.0
```

SEQ ID NO 1257
LENGTH: 10
TYPE: DNA
ORGANISM: Homo sapiens
US-10-330-627-1257

Query Match 30.0%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 31;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 12 TGTACGCGGA 21
DB 10 TGTACGCGGA 1

RESULT 48
US-10-438-683-7/c
Sequence 7, Application US/10438683
Publication No. US20030186923A1

GENERAL INFORMATION:
APPLICANT: JAMES D. THOMPSON
TITLE OF INVENTION: METHOD AND REAGENT FOR
INHIBITING P-GLYCOPROTEIN mdr-
1 GENE

NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 611 West Sixth Street
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90017

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
COMPUTER: IBM COMPATIBLE
OPERATING SYSTEM: IBM P.C. DOS (Version 5.1)

SOFTWARE: WordPerfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/438,683
FILING DATE: 15-May-2003
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/882,885
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Wardburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 197/173

TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 7:

SEQUENCE CHARACTERISTICS:
LENGTH: 10
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

SEQUENCE DESCRIPTION: SEQ ID NO: 7:
US-10-438-683-7

Query Match 30.0%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 31;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 18 GGGAGTCCAG 27
DB 10 GGGAGTCCAG 1

RESULT 49
US-10-444-206-85/c
Sequence 85, Application US/10444206

Publication No. US20040023917A1

GENERAL INFORMATION:
APPLICANT: Bennett, Clarence Frank
APPLICANT: Vickers, Timothy A.

TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the
Modulation of the Expression of B7 Protein

FILE REFERENCE:
CURRENT APPLICATION NUMBER: US/10/444,206
CURRENT FILING DATE: 2003-05-23

PRIOR APPLICATION NUMBER: 09/851,871
PRIOR FILING DATE: 2001-05-09

PRIOR APPLICATION NUMBER: PCT/US00/14471
PRIOR FILING DATE: 2000-05-25

PRIOR APPLICATION NUMBER: 09/326,186
PRIOR FILING DATE: 1999-06-04

PRIOR APPLICATION NUMBER: 08/777,266
PRIOR FILING DATE: 1996-12-31

NUMBER OF SEQ ID NOS: 444
SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 85
LENGTH: 10
TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:

OTHER INFORMATION: Synthetic
US-10-444-206-85

Query Match 30.0%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 31;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 13 GTACGGGAG 22
DB 10 GTACGGGAG 1

RESULT 50
US-09-249-155-45/c
Sequence 45, Application US/09249155
Publication No. US20030037345A1

GENERAL INFORMATION:
APPLICANT: Heber-Katz, Ellen

TITLE OF INVENTION: Compositions and Methods for Wound
Healing

FILE REFERENCE: 00486,78503
CURRENT APPLICATION NUMBER: US/09/249,155

EARLIER FILING DATE: 1999-02-12
EARLIER APPLICATION NUMBER: 60/074,737

EARLIER FILING DATE: 1998-02-13
EARLIER APPLICATION NUMBER: 60/097,937

EARLIER FILING DATE: 1998-08-26
EARLIER APPLICATION NUMBER: 60/102,051

EARLIER FILING DATE: 1998-09-28
NUMBER OF SEQ ID NOS: 254

SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 45
LENGTH: 11

TYPE: DNA
ORGANISM: Mus musculus

US-09-249-155-45

Query Match 30.0%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 37;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 12 TGTACGCGGA 21
DB 10 TGTACGCGGA 1

RESULT 51
US-09-851-871-86/c

```
; Sequence 86, Application US/09851871
; Publication No. US2003017637A1
; GENERAL INFORMATION:
; APPLICANT: Bennett, Clarence Frank
; APPLICANT: Vickers, Timothy A.
; APPLICANT: Karras, James G.
; TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the
; FILE REFERENCE: ISPH-0543
; CURRENT APPLICATION NUMBER: US/09/851,871
; PRIOR FILING DATE: 2001-05-09
; PRIOR APPLICATION NUMBER: PCT/US00/14471
; PRIOR FILING DATE: 2000-05-25
; PRIOR APPLICATION NUMBER: 09/326,186
; PRIOR FILING DATE: 1999-06-04
; PRIOR APPLICATION NUMBER: 08/777,266
; PRIOR FILING DATE: 1996-12-31
; NUMBER OF SEQ ID NOS: 284
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 86
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-851-871-86
```

```
Query Match          30.0%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 37;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      13 GTACAGGGAG 22
Db      11 GTACGGGGAG 2
```

```
RESULT 52
US-10-314-322-45/c
; Sequence 45, Application US/10314322
; Publication No. US2003022991A1
; GENERAL INFORMATION:
; APPLICANT: Heber-Katz, Ellen
; TITLE OF INVENTION: Compositions and Methods for Wound
; FILE REFERENCE: 000486.00016
; CURRENT APPLICATION NUMBER: US/10/314,322
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/074,737
; PRIOR FILING DATE: 1998-02-13
; PRIOR APPLICATION NUMBER: US 60/097,937
; PRIOR FILING DATE: 1998-08-26
; PRIOR APPLICATION NUMBER: US 60/102,051
; PRIOR FILING DATE: 1998-09-28
; PRIOR APPLICATION NUMBER: US 09/249,155
; PRIOR FILING DATE: 1999-02-12
; NUMBER OF SEQ ID NOS: 346
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 45
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-314-322-45
```

```
Query Match          30.0%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 37;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      12 TGTACAGGGA 21
Db      10 TGTACGGGGGA 1
```

RESULT 53

```
US-10-444-206-86/c
; Sequence 86, Application US/10444206
; Publication No. US20040023917A1
; GENERAL INFORMATION:
; APPLICANT: Bennett, Clarence Frank
; APPLICANT: Vickers, Timothy A.
; APPLICANT: Karras, James G.
; TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/10/444,206
; CURRENT FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: 09/851,871
; PRIOR FILING DATE: 2001-05-09
; PRIOR APPLICATION NUMBER: PCT/US00/14471
; PRIOR FILING DATE: 2000-05-25
; PRIOR APPLICATION NUMBER: 09/326,186
; PRIOR FILING DATE: 1999-06-04
; PRIOR APPLICATION NUMBER: 08/777,266
; PRIOR FILING DATE: 1996-12-31
; NUMBER OF SEQ ID NOS: 444
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 86
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-444-206-86
```

```
Query Match          30.0%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 37;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      13 GTACAGGGAG 22
Db      11 GTACGGGGAG 2
```

```
RESULT 54
US-09-851-871-87/c
; Sequence 87, Application US/09851871
; Publication No. US2003017637A1
; GENERAL INFORMATION:
; APPLICANT: Bennett, Clarence Frank
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the
; FILE REFERENCE: ISPH-0543
; CURRENT APPLICATION NUMBER: US/09/851,871
; CURRENT FILING DATE: 2001-05-09
; PRIOR APPLICATION NUMBER: PCT/US00/14471
; PRIOR FILING DATE: 2000-05-25
; PRIOR APPLICATION NUMBER: 09/326,186
; PRIOR FILING DATE: 1999-06-04
; PRIOR APPLICATION NUMBER: 08/777,266
; PRIOR FILING DATE: 1996-12-31
; NUMBER OF SEQ ID NOS: 284
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 87
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-851-871-87
```

```
Query Match          30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 43;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      13 GTACAGGGAG 22
```

Db 12 GTACGGGAG 3

RESULT 55
US-10-444-206-87/c
; Sequence 87, Application US/10444206
; Publication No. US20040023917A1
; GENERAL INFORMATION:
; APPLICANT: Bennett, Clarence Frank
; APPLICANT: Vickers, Timothy A.
; APPLICANT: Karras, James G.
; TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the
; FILE REFERENCE: Modulation of the Expression of B7 Protein
; CURRENT APPLICATION NUMBER: US/10/444,206
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: 09/851,871
; PRIOR FILING DATE: 2001-05-09
; PRIOR APPLICATION NUMBER: PCT/US00/14471
; PRIOR FILING DATE: 2000-05-25
; PRIOR APPLICATION NUMBER: 09/326,186
; PRIOR FILING DATE: 1999-06-04
; PRIOR APPLICATION NUMBER: 08/777,266
; PRIOR FILING DATE: 1996-12-31
; NUMBER OF SEQ ID NOS: 444
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 87
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-444-206-87

Query Match 30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 43;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 13 GTACGGGAG 22
Db 12 GTACGGGAG 3

RESULT 56
US-10-238-700-3087/c
; Sequence 3087, Application US/10238700
; Publication No. US20030155521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; PRIOR FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3087
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-3087

Query Match 29.3%; Score 8.2; DB 1; Length 17;
Best Local Similarity 76.9%; Pred. No. 75;
Matches 10; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 7 CTACGTGTACAGG 19
Db 11 CTACGTGTACAGG 19

Db 16 CTCCTGTACTGG 4

RESULT 57
US-10-024-396-19
; Sequence 19, Application US/10024396
; Publication No. US20030147864A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF CD3611 EXPRESSION
; FILE REFERENCE: RTS-0339
; CURRENT APPLICATION NUMBER: US/10/024,396
; PRIOR FILING DATE: 2001-12-18
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 19
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-024-396-19

Query Match 29.3%; Score 8.2; DB 1; Length 20;
Best Local Similarity 76.9%; Pred. No. 83;
Matches 10; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 10 CCTGTACAGGAG 22
Db 2 CCTGTACAGTAG 14

RESULT 58
US-10-024-396-20
; Sequence 20, Application US/10024396
; Publication No. US20030147864A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF CD3611 EXPRESSION
; FILE REFERENCE: RTS-0339
; CURRENT APPLICATION NUMBER: US/10/024,396
; PRIOR FILING DATE: 2001-12-18
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-024-396-20

Query Match 29.3%; Score 8.2; DB 1; Length 20;
Best Local Similarity 76.9%; Pred. No. 83;
Matches 10; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 7 CTACGTGTACAGG 19
Db 7 CTCCTGTACAGG 19

RESULT 59
US-09-853-105-19/c
; Sequence 19, Application US/09853105
; Publication No. US20030149236A1
; GENERAL INFORMATION:
; APPLICANT: Hilton, Douglas J.
; TITLE OF INVENTION: A NOVEL HAEMOPOLIFITIN RECEPTOR
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSER: SCULLY, SCOTT, MURPHY & PRESSER
; STREET: 400 Garden City Plaza
; CITY: Garden City
; STATE: New York
; COUNTRY: United States of America

```

; ZIP: 11530
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/853,105
; FILING DATE: 10-May-2001
; CLASSIFICATION: <Unknown>
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: US/08/702,665
; FILING DATE: 20-DEC-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Presser, Leopold
; REGISTRATION NUMBER: 19,827
; REFERENCE/DOCKET NUMBER: 10236
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (516) 742-4343
; TELEFAX: (516) 742-4366
; TELEX: 203 901 SANS UR
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 19:
US-09-853-105-19

Query Match      29.3%; Score 8.2; DB 1; Length 21;
Best Local Similarity 76.9%; Pred. No. 84;
Matches 10; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 7 CTCAGGTACAG 19
DB 15 CTCAGGTACAG 3

RESULT 60
US-09-989-789-2098/c
; Sequence 2098, Application US/09989789
; Patent No. US2002006379A1
; GENERAL INFORMATION:
; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS
; FILE REFERENCE: 8325-0011.20 / S11-US2
; CURRENT APPLICATION NUMBER: US/09/989,789
; CURRENT FILING DATE: 2002-03-25
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2098
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
US-09-989-789-2098

Query Match      28.6%; Score 8; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 CCTACGT 12
DB 9 CCTACGT 2

RESULT 61
US-09-989-789-2100/c

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; Sequence 2100, Application US/09989789
; Patent No. US2002006379A1
; GENERAL INFORMATION:
; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS
; FILE REFERENCE: 8325-0011.20 / S11-US2
; CURRENT APPLICATION NUMBER: US/09/989,789
; CURRENT FILING DATE: 2002-03-25
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2100
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
US-09-989-789-2100

Query Match      28.6%; Score 8; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 CCTACGT 12
DB 9 CCTACGT 2

RESULT 62
US-09-989-789-2195
; Sequence 2195, Application US/09989789
; Patent No. US2002006379A1
; GENERAL INFORMATION:
; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS
; FILE REFERENCE: 8325-0011.20 / S11-US2
; CURRENT APPLICATION NUMBER: US/09/989,789
; CURRENT FILING DATE: 2002-03-25
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2195
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
US-09-989-789-2195

Query Match      28.6%; Score 8; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 17 AGGAGTC 24
DB 2 AGGAGTC 9

RESULT 63
US-09-989-789-2453/c
; Sequence 2453, Application US/09989789
; Patent No. US2002006379A1
; GENERAL INFORMATION:
; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS
; FILE REFERENCE: 8325-0011.20 / S11-US2
; CURRENT APPLICATION NUMBER: US/09/989,789
; CURRENT FILING DATE: 2002-03-25
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0

```

SEQ ID NO 2453
LENGTH: 9
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: example target
US-09-989-789-2453

Query Match
Best Local Similarity 28.6%; Score 8; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGGGCCCT 8
Db 9 CGGGCCCT 2

RESULT 64
US-09-989-789-2454/c
Sequence 2454, Application US/09989789
Patent No. US200206379A1
GENERAL INFORMATION:
APPLICANT: LIT, Qiang
TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
FILE REFERENCE: 8325-0011.20 / S11-US2
CURRENT APPLICATION NUMBER: US/09/989,789
CURRENT FILING DATE: 2002-03-25
NUMBER OF SEQ ID NOS: 4085
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 2454
LENGTH: 9
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: example target
US-09-989-789-2454

Query Match
Best Local Similarity 28.6%; Score 8; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGGGCCCT 8
Db 9 CGGGCCCT 2

RESULT 65
US-09-990-186-2098/c
Sequence 2098, Application US/09990186
Publication No. US20030068675A1
GENERAL INFORMATION:
APPLICANT: LIT, Qiang
TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
FILE REFERENCE: 8325-0011.21 / S11-US3
CURRENT APPLICATION NUMBER: US/09/990,186
CURRENT FILING DATE: 2001-11-20
NUMBER OF SEQ ID NOS: 4085
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 2098
LENGTH: 9
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: example target
US-09-990-186-2098

Query Match
Best Local Similarity 28.6%; Score 8; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;

Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 5 CCTACT 12
Db 9 CCTACT 2

RESULT 66
US-09-990-186-2100/c
Sequence 2100, Application US/09990186
Publication No. US20030068675A1
GENERAL INFORMATION:
APPLICANT: LIT, Qiang
TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
FILE REFERENCE: 8325-0011.21 / S11-US3
CURRENT APPLICATION NUMBER: US/09/990,186
CURRENT FILING DATE: 2001-11-20
NUMBER OF SEQ ID NOS: 4085
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 2100
LENGTH: 9
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: example target
US-09-990-186-2100

Query Match
Best Local Similarity 28.6%; Score 8; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 5 CCTACT 12
Db 9 CCTACT 2

RESULT 67
US-09-990-186-2195
Sequence 2195, Application US/09990186
Publication No. US20030068675A1
GENERAL INFORMATION:
APPLICANT: LIT, Qiang
TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
FILE REFERENCE: 8325-0011.21 / S11-US3
CURRENT APPLICATION NUMBER: US/09/990,186
CURRENT FILING DATE: 2001-11-20
NUMBER OF SEQ ID NOS: 4085
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 2195
LENGTH: 9
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: example target
US-09-990-186-2195

Query Match
Best Local Similarity 28.6%; Score 8; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 17 AGGAGTC 24
Db 2 AGGAGTC 9

RESULT 68
US-09-990-186-2453/c
Sequence 2453, Application US/09990186
Publication No. US20030068675A1

```
; GENERAL INFORMATION:
; APPLICANT: LITU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; FILE REFERENCE: 8325-0011.21 / S11-US3
; CURRENT APPLICATION NUMBER: US/09/990,186
; CURRENT FILING DATE: 2001-11-20
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2453
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; US-09-990-186-2453

Query Match
Best Local Similarity 28.6%; Score 8; DB 1; Length 9;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGGCCCT 8
Db 9 CGGGCCCT 2

RESULT 69
US-09-990-186-2454/c
; Sequence 2454, Application US/09990186
; Publication No. US2003006675A1
; GENERAL INFORMATION:
; APPLICANT: LITU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; FILE REFERENCE: 8325-0011.21 / S11-US3
; CURRENT APPLICATION NUMBER: US/09/990,186
; CURRENT FILING DATE: 2001-11-20
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2454
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; US-09-990-186-2454

Query Match
Best Local Similarity 28.6%; Score 8; DB 1; Length 9;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGGCCCT 8
Db 9 CGGGCCCT 2

RESULT 70
US-09-989-994-2098/c
; Sequence 2098, Application US/09989994
; Publication No. US20030104526A1
; GENERAL INFORMATION:
; APPLICANT: LITU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; FILE REFERENCE: 8325-0011.20 / S11-US2
; CURRENT APPLICATION NUMBER: US/09/989,994
; CURRENT FILING DATE: 2001-11-20
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2098
; LENGTH: 9

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; US-09-989-994-2098

Query Match
Best Local Similarity 28.6%; Score 8; DB 1; Length 9;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 CCCTACGT 12
Db 9 CCCTACGT 2

RESULT 71
US-09-989-994-2100/c
; Sequence 2100, Application US/09989994
; Publication No. US20030104526A1
; GENERAL INFORMATION:
; APPLICANT: LITU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; FILE REFERENCE: 8325-0011.20 / S11-US2
; CURRENT APPLICATION NUMBER: US/09/989,994
; CURRENT FILING DATE: 2001-11-20
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2100
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; US-09-989-994-2100

Query Match
Best Local Similarity 28.6%; Score 8; DB 1; Length 9;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 CCCTACGT 12
Db 9 CCCTACGT 2

RESULT 72
US-09-989-994-2195
; Sequence 2195, Application US/09989994
; Publication No. US20030104526A1
; GENERAL INFORMATION:
; APPLICANT: LITU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; FILE REFERENCE: 8325-0011.20 / S11-US2
; CURRENT APPLICATION NUMBER: US/09/989,994
; CURRENT FILING DATE: 2001-11-20
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2195
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; US-09-989-994-2195

Query Match
Best Local Similarity 28.6%; Score 8; DB 1; Length 9;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

QY 17 AGGAGTC 24
Db 2 AGGAGTC 9

RESULT 73

US-09-989-994-2453/c
; Sequence 2453, Application US/09989994
; Publication No. US20030104526A1
; GENERAL INFORMATION:
; APPLICANT: Liu, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; FILE REFERENCE: 8325-0011.20 / S11-US2
; CURRENT APPLICATION NUMBER: US/09/989,994
; CURRENT FILING DATE: 2001-11-20
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2453
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
US-09-989-994-2453

Query Match 28.6%; Score 8; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGGCCCT 8
Db 9 CGGGCCCT 2

RESULT 74

US-09-989-994-2454/c
; Sequence 2454, Application US/09989994
; Publication No. US20030104526A1
; GENERAL INFORMATION:
; APPLICANT: Liu, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; FILE REFERENCE: 8325-0011.20 / S11-US2
; CURRENT APPLICATION NUMBER: US/09/989,994
; CURRENT FILING DATE: 2001-11-20
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2454
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
US-09-989-994-2454

Query Match 28.6%; Score 8; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGGCCCT 8
Db 9 CGGGCCCT 2

RESULT 75

US-10-376-341-97/c
; Sequence 97, Application US/10376341
; Publication No. US20040002473A1
; GENERAL INFORMATION:
; APPLICANT: KURRECK, Jens

; APPLICANT: ERDMANN, Volker A.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES AGAINST VRI
; FILE REFERENCE: 029310.52142US
; CURRENT APPLICATION NUMBER: US/10/376,341
; CURRENT FILING DATE: 2003-03-03
; PRIOR APPLICATION NUMBER: PCT/EP01/10081
; PRIOR FILING DATE: 2001-08-31
; PRIOR APPLICATION NUMBER: 100 43 674.9
; PRIOR FILING DATE: 2000-09-02
; PRIOR APPLICATION NUMBER: 100 43 702.8
; PRIOR FILING DATE: 2000-09-04
; NUMBER OF SEQ ID NOS: 248
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 97
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-376-341-97

Query Match 28.6%; Score 8; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 19 GGAGTCCA 26
Db 9 GGAGTCCA 2

RESULT 76
US-10-293-222-372/c
; Sequence 372, Application US/10293222
; Publication No. US20040033932A1
; GENERAL INFORMATION:
; APPLICANT: Versteeg, Rogier
; APPLICANT: Caron, Hubertus N.
; TITLE OF INVENTION: MYC targets
; FILE REFERENCE: 2183-5580US
; CURRENT APPLICATION NUMBER: US/10/293,222
; CURRENT FILING DATE: 2002-11-12
; PRIOR APPLICATION NUMBER: PCT/NL01/00361
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: EP 00201698.8
; PRIOR FILING DATE: 2000-05-11
; PRIOR APPLICATION NUMBER: EP 00202284.6
; PRIOR FILING DATE: 2000-06-29
; NUMBER OF SEQ ID NOS: 455
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 372
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-293-222-372

Query Match 28.6%; Score 8; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 38;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 9 ACGGTAC 16
Db 10 ACGGTAC 3

RESULT 77

US-10-027-632-52785/c
; Sequence 52785, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; TITLE OF INVENTION: Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30


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; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 52785
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-52785
```

```
Query Match      28.6%; Score 8; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 38;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      15 ACAGGAG 22
      |||||
DB      9 ACAGGAG 2
```

```
RESULT 78
US-10-027-632-52785/c
; Sequence 52785, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
```

```
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 52785
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-52785
```

```
Query Match      28.6%; Score 8; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 38;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      15 ACAGGAG 22
      |||||
DB      9 ACAGGAG 2
```

```
RESULT 79
US-10-314-578-1125
; Sequence 1125, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Kries, Arthur M.
; APPLICANT: Schetter, Christian
; APPLICANT: Vollmer, Jörg
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1125
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-1125
```

```
Query Match      28.6%; Score 8; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 38;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      9 ACCTGTAC 16
      |||||
DB      1 ACCTGTAC 8
```

```
RESULT 80
US-10-033-145-49
; Sequence 49, Application US/10033145
; Publication No. US2002015151A1
; GENERAL INFORMATION:
; APPLICANT: GENZYME CORPORATION
; APPLICANT: ROBERTS, BRUCE
; APPLICANT: SHANKARA, SRINIVAS
; TITLE OF INVENTION: PREPARATION AND USE OF SUPERIOR VACCINES
; FILE REFERENCE: GA0201C
; CURRENT APPLICATION NUMBER: US/10/033,145
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: PCT/US99/13800
; PRIOR FILING DATE: 1999-06-18
; NUMBER OF SEQ ID NOS: 2137
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 49
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-033-145-49
```

```
Query Match      28.6%; Score 8; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 38;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      6 CCTACGTG 13
      |||||
DB      2 CCTACGTG 9
```

```
RESULT 81
US-10-033-145-1636
; Sequence 1636, Application US/10033145
; Publication No. US2002015151A1
; GENERAL INFORMATION:
```

```

; APPLICANT: GENZYME CORPORATION
; APPLICANT: ROBERTS, BRUCE
; APPLICANT: SHANKARA, SRINIVAS
; TITLE OF INVENTION: PREPARATION AND USE OF SUPERIOR VACCINES
; FILE REFERENCE: GAO201C
; CURRENT APPLICATION NUMBER: US/10/033,145
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: PCT/US99/13800
; PRIOR FILING DATE: 1999-06-18
; NUMBER OF SEQ ID NOS: 2137
; SOFTWARE: PatentIn Version 3.0
; SEQ ID NO: 1636
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-033-145-1636

```

```

Query Match      28.6%; Score 8; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 38;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1 CGAGCCCT 8
Db 3 CGAGCCCT 10

```

```

RESULT 82
US-10-195-383-12/c
; Sequence 12, Application US/10195383
; Publication No. US20030165910A1
; GENERAL INFORMATION:
; APPLICANT: CHEVAL, Lydie
; APPLICANT: ELAILOUF, Jean-Marc
; APPLICANT: VIRLON, Beangere
; TITLE OF INVENTION: MICROASSAY FOR SERIAL ANALYSIS OF GENE EXPRESSION AND
; FILE REFERENCE: 0846-0493-0X
; CURRENT APPLICATION NUMBER: US/10/195,383
; CURRENT FILING DATE: 2002-07-16
; PRIOR APPLICATION NUMBER: US/09/301,721
; PRIOR FILING DATE: 1999-04-29
; PRIOR APPLICATION NUMBER: EPO 99400169.9
; PRIOR FILING DATE: 1999-01-27
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO: 12
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-195-383-12

```

```

Query Match      28.6%; Score 8; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 38;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 17 AGGAGATC 24
Db 9 AGGAGATC 2

```

```

RESULT 83
US-10-330-627-464/c
; Sequence 464, Application US/10330627
; Publication No. US20030175771A1
; GENERAL INFORMATION:
; APPLICANT: Velculescu, Victor E.
; APPLICANT: Kinzler, Kenneth W
; APPLICANT: Vogelstein, Bert
; TITLE OF INVENTION: Human Transcripts
; FILE REFERENCE: 001107.00319
; CURRENT APPLICATION NUMBER: US/10/330,627
; CURRENT FILING DATE: 2002-12-30
; PRIOR APPLICATION NUMBER: US 09/448,480

```

```

; PRIOR FILING DATE: 1999-11-24
; NUMBER OF SEQ ID NOS: 1564
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO: 464
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-330-627-464

```

```

Query Match      28.6%; Score 8; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 38;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 21 AGTCACAG 28
Db 10 AGTCACAG 3

```

```

RESULT 84
US-10-330-627-674/c
; Sequence 674, Application US/10330627
; Publication No. US20030175771A1
; GENERAL INFORMATION:
; APPLICANT: Velculescu, Victor E.
; APPLICANT: Kinzler, Kenneth W
; APPLICANT: Vogelstein, Bert
; TITLE OF INVENTION: Human Transcripts
; FILE REFERENCE: 001107.00319
; CURRENT APPLICATION NUMBER: US/10/330,627
; CURRENT FILING DATE: 2002-12-30
; PRIOR APPLICATION NUMBER: US 09/448,480
; PRIOR FILING DATE: 1999-11-24
; NUMBER OF SEQ ID NOS: 1564
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO: 674
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-330-627-674

```

```

Query Match      28.6%; Score 8; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 38;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 9 ACCTGTAC 16
Db 10 ACCTGTAC 3

```

```

RESULT 85
US-10-330-627-936/c
; Sequence 936, Application US/10330627
; Publication No. US20030175771A1
; GENERAL INFORMATION:
; APPLICANT: Velculescu, Victor E.
; APPLICANT: Kinzler, Kenneth W
; APPLICANT: Vogelstein, Bert
; TITLE OF INVENTION: Human Transcripts
; FILE REFERENCE: 001107.00319
; CURRENT APPLICATION NUMBER: US/10/330,627
; CURRENT FILING DATE: 2002-12-30
; PRIOR APPLICATION NUMBER: US 09/448,480
; PRIOR FILING DATE: 1999-11-24
; NUMBER OF SEQ ID NOS: 1564
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO: 936
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-330-627-936

```

```

Query Match      28.6%; Score 8; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 38;

```

Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 11 GTGTACAG 18
|||||
Db 9 GTGTACAG 2

RESULT 86

US-09-918-715-40
; Sequence 40, Application US/09918715
; Publication No. US20030017157A1
; GENERAL INFORMATION:
; APPLICANT: Brad St. Croix
; APPLICANT: Bert Voglsstein
; APPLICANT: Kenneth Kinzler
; TITLE OF INVENTION: ENDOTHELIAL CELL EXPRESSION PATTERNS
; FILE REFERENCE: 1107.00134
; CURRENT APPLICATION NUMBER: US/09/918,715
; CURRENT FILING DATE: 2001-08-01
; PRIOR APPLICATION NUMBER: 60/222,599
; PRIOR FILING DATE: 2000-08-02
; PRIOR APPLICATION NUMBER: 60/224,360
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/282,850
; PRIOR FILING DATE: 2000-04-11
; NUMBER OF SEQ ID NOS: 358
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 40
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-918-715-40

Query Match 28.6%; Score 8; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 45;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 GGCCCTAC 10
|||||
Db 1 GGCCCTAC 8

RESULT 87

US-09-943-115A-15
; Sequence 15, Application US/09943115A
; Publication No. US20030017469A1
; GENERAL INFORMATION:
; APPLICANT: SEQUENOM, Inc.
; APPLICANT: Risinger, Carl
; APPLICANT: Anderson, Maria
; APPLICANT: Lewander, Tommy
; APPLICANT: Olaisson, Erik
; TITLE OF INVENTION: DETECTION OF CYP3A4 AND CYP2C9
; TITLE OF INVENTION: POLYMORPHISMS
; FILE REFERENCE: 52459-20021.00
; CURRENT APPLICATION NUMBER: US/09/943,115A
; CURRENT FILING DATE: 2001-08-30
; PRIOR APPLICATION NUMBER: UK 0021286.0
; PRIOR FILING DATE: 2000-08-30
; NUMBER OF SEQ ID NOS: 73
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide of the novel polymorphic site 461
US-09-943-115A-15

Query Match 28.6%; Score 8; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 45;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 11 GTGTACAG 18
|||||
Db 3 GTGTACAG 10

RESULT 88

US-09-943-115A-16/C
; Sequence 16, Application US/09943115A
; Publication No. US20030017469A1
; GENERAL INFORMATION:
; APPLICANT: SEQUENOM, Inc.
; APPLICANT: Risinger, Carl
; APPLICANT: Anderson, Maria
; APPLICANT: Lewander, Tommy
; APPLICANT: Olaisson, Erik
; TITLE OF INVENTION: DETECTION OF CYP3A4 AND CYP2C9
; TITLE OF INVENTION: POLYMORPHISMS
; FILE REFERENCE: 52459-20021.00
; CURRENT APPLICATION NUMBER: US/09/943,115A
; CURRENT FILING DATE: 2001-08-30
; PRIOR APPLICATION NUMBER: UK 0021286.0
; PRIOR FILING DATE: 2000-08-30
; NUMBER OF SEQ ID NOS: 73
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 16
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide of the novel polymorphic site 461
US-09-943-115A-16

Query Match 28.6%; Score 8; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 45;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 11 GTGTACAG 18
|||||
Db 9 GTGTACAG 2

RESULT 89

US-10-027-632-176254
; Sequence 176254, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 176254
; LENGTH: 11
; TYPE: DNA

ORGANISM: Human
US-10-027-632-176254

Query Match
Best Local Similarity 28.6%; Score 8; DB 1; Length 11;
Matches 8; Conservativity 0; Mismatches 0; Indels 0; Gaps 0;

QY 18 GGGAGTCC 25
DB 2 GGGAGTCC 9

RESULT 90
US-10-027-632-176254
Sequence 176254, Application US/10027632
Publication No. US20030204075A9
GENERAL INFORMATION:
APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
POLYMORPHISMS IN THE HUMAN GENOME
FILE REFERENCE: 10827.129
CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT FILING DATE: 2002-04-30
PRIOR APPLICATION NUMBER: US 60/218,006
PRIOR FILING DATE: 2000-07-12
PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR FILING DATE: 2000-03-29
PRIOR APPLICATION NUMBER: US 60/185,218
PRIOR FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/167,363
PRIOR FILING DATE: 1999-11-23
PRIOR APPLICATION NUMBER: US 60/156,358
PRIOR FILING DATE: 1999-09-28
PRIOR APPLICATION NUMBER: US 60/146,002
PRIOR FILING DATE: 1999-08-09
NUMBER OF SEQ ID NOS: 325720
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 176254
LENGTH: 11
TYPE: DNA
ORGANISM: Human
US-10-027-632-176254

Query Match
Best Local Similarity 28.6%; Score 8; DB 1; Length 11;
Matches 8; Conservativity 0; Mismatches 0; Indels 0; Gaps 0;

QY 18 GGGAGTCC 25
DB 2 GGGAGTCC 9

RESULT 91
US-09-249-155-236
Sequence 236, Application US/09249155
Publication No. US20030037345A1
GENERAL INFORMATION:
APPLICANT: Heber-Katz, Ellen
TITLE OF INVENTION: Compositions and Methods for Wound
HEALING
FILE REFERENCE: 00486.78503
CURRENT APPLICATION NUMBER: US/09/249,155
CURRENT FILING DATE: 1999-02-12
EARLIER APPLICATION NUMBER: 60/074,737
EARLIER FILING DATE: 1998-02-13
EARLIER APPLICATION NUMBER: 60/097,937
EARLIER FILING DATE: 1998-08-26
EARLIER APPLICATION NUMBER: 60/102,051
EARLIER FILING DATE: 1998-09-28
NUMBER OF SEQ ID NOS: 254
SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 236
LENGTH: 11
TYPE: DNA
ORGANISM: Mus musculus
US-09-249-155-236

Query Match
Best Local Similarity 27.9%; Score 7.8; DB 1; Length 11;
Matches 9; Conservativity 0; Mismatches 2; Indels 0; Gaps 0;

QY 18 GGGAGTCCAG 28
DB 1 GGGAGTCCAG 11

RESULT 92
US-10-223-126-175
Sequence 175, Application US/10223126
Publication No. US20030092662A1
GENERAL INFORMATION:
APPLICANT: Eckert, David J.
TITLE OF INVENTION: Molecular Interaction Sites of 16S Ribosomal RNA and Methods of
IDENTIFICATION
FILE REFERENCE: IBIS-0424
CURRENT APPLICATION NUMBER: US/10/223,126
CURRENT FILING DATE: 2002-08-16
PRIOR APPLICATION NUMBER: 60/313,890
PRIOR FILING DATE: 2001-08-21
NUMBER OF SEQ ID NOS: 202
SOFTWARE: PatentIn version 3.1
SEQ ID NO 175
LENGTH: 11
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Construct
US-10-223-126-175

Query Match
Best Local Similarity 27.9%; Score 7.8; DB 1; Length 11;
Matches 8; Conservativity 1; Mismatches 2; Indels 0; Gaps 0;

QY 16 CAGGAGTCCA 26
DB 1 CUGGAGTCCA 11

RESULT 93
US-10-104-307-24
Sequence 24, Application US/10104307
Publication No. US20030180729A1
GENERAL INFORMATION:
APPLICANT: GUNNING, Kerry B.
APPLICANT: PONDRIIL, Tom
TITLE OF INVENTION: Hybridization Rate Enhancement for Substrate-Bound Specific Nuc
LEOTIDES
FILE REFERENCE: 053960.0001/1US
CURRENT APPLICATION NUMBER: US/10/104,307
CURRENT FILING DATE: 2002-03-22
NUMBER OF SEQ ID NOS: 36
SOFTWARE: PatentIn version 3.0
SEQ ID NO 24
LENGTH: 11
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc.feature
LOCATION: (1)..(11)
OTHER INFORMATION: synthetic oligonucleotide
NAME/KEY: misc.feature
LOCATION: (1)..(1)
OTHER INFORMATION: 5' amine modification

US-10-104-307-24

Query Match 27.9%; Score 7.8; DB 1; Length 11;
Best Local Similarity 81.8%; Pred. No. 50;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 13 GTACAGGACT 23
DB 1 GTACAGGACT 11

RESULT 94

US-10-314-322-236
; Sequence 236, Application US/10314322
; Publication No. US2003022911A1
; GENERAL INFORMATION:
; APPLICANT: Heber-Katz, Ellen
; TITLE OF INVENTION: Compositions and Methods for Wound
; FILE REFERENCE: 000486.00016
; CURRENT APPLICATION NUMBER: US/10/314,322
; PRIOR FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/074,737
; PRIOR FILING DATE: 1998-02-13
; PRIOR APPLICATION NUMBER: US 60/097,937
; PRIOR FILING DATE: 1998-08-26
; PRIOR APPLICATION NUMBER: US 60/102,051
; PRIOR FILING DATE: 1998-09-28
; PRIOR APPLICATION NUMBER: US 09/249,155
; PRIOR FILING DATE: 1999-02-12
; NUMBER OF SEQ ID NOS: 346
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 236
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-314-322-236

Query Match 27.9%; Score 7.8; DB 1; Length 11;
Best Local Similarity 81.8%; Pred. No. 50;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 18 GGGAGTCCAGG 28
DB 1 GGGAGTCCAGG 11

RESULT 95

US-10-314-322-272/c
; Sequence 272, Application US/10314322
; Publication No. US2003022911A1
; GENERAL INFORMATION:
; APPLICANT: Heber-Katz, Ellen
; TITLE OF INVENTION: Compositions and Methods for Wound
; FILE REFERENCE: 000486.00016
; CURRENT APPLICATION NUMBER: US/10/314,322
; PRIOR FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/074,737
; PRIOR FILING DATE: 1998-02-13
; PRIOR APPLICATION NUMBER: US 60/097,937
; PRIOR FILING DATE: 1998-08-26
; PRIOR APPLICATION NUMBER: US 60/102,051
; PRIOR FILING DATE: 1998-09-28
; PRIOR APPLICATION NUMBER: US 09/249,155
; PRIOR FILING DATE: 1999-02-12
; NUMBER OF SEQ ID NOS: 346
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 272
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-314-322-272

Query Match 27.9%; Score 7.8; DB 1; Length 11;
Best Local Similarity 81.8%; Pred. No. 50;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 10 CGGTACAGG 20
DB 11 CTTGTACAGG 1

RESULT 96

US-09-929-507-19/c
; Sequence 19, Application US/09929507
; Publication No. US2003003976A1
; GENERAL INFORMATION:
; APPLICANT: Haft, Lawrence A.
; TITLE OF INVENTION: Methods For Base Counting
; FILE REFERENCE: SYP-170
; CURRENT APPLICATION NUMBER: US/09/929,507
; PRIOR FILING DATE: 2001-08-14
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 19
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-09-929-507-19

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 57;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 10 CGGTACAGG 20
DB 11 CTTGTACAGG 1

RESULT 97

US-09-900-112-55/c
; Sequence 55, Application US/09900112
; Publication No. US2003008209A1
; GENERAL INFORMATION:
; APPLICANT: Skladopoulos, Mario H.
; APPLICANT: Collins, Peter L.
; APPLICANT: Murphy, Brian R.
; APPLICANT: Schmidt, Alexander C.
; TITLE OF INVENTION: Attenuated Human-Bovine Chimeric Parainfluenza Virus (PIV) Vacc
; FILE REFERENCE: NIH-0127
; CURRENT APPLICATION NUMBER: US/09/900,112
; PRIOR FILING DATE: 2002-06-11
; PRIOR APPLICATION NUMBER: 60/215,809
; PRIOR FILING DATE: 2000-07-05
; NUMBER OF SEQ ID NOS: 66
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 55
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Parainfluenza Virus
US-09-900-112-55

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 57;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 CCCTACAGGTA 15
DB 11 CCCTACAGGTA 1

RESULT 98
US-09-900-112-60/c
; Sequence 60, Application US/09900112
; Publication No. US20030082209A1
; GENERAL INFORMATION:
; APPLICANT: Skladopoulos, Mario H.
; APPLICANT: Collins, Peter L.
; APPLICANT: Murphy, Brian R.
; APPLICANT: Schmidt, Alexander C.
; TITLE OF INVENTION: Attenuated Human-Bovine Chimeric Parainfluenza Virus (PIV) Vaccine
; FILE REFERENCE: NIH-0127
; CURRENT APPLICATION NUMBER: US/09/900,112
; CURRENT FILING DATE: 2002-06-11
; PRIOR APPLICATION NUMBER: 60/215,809
; PRIOR FILING DATE: 2000-07-05
; NUMBER OF SEQ ID NOS: 66
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 60
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Parainfluenza Virus
US-09-900-112-60

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 57;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 CCCAGCTGTA 15
DB 11 CCGTACGTCTA 1

RESULT 99
US-10-193-938-2
; Sequence 2, Application US/10193938
; Publication No. US20030134299A1
; GENERAL INFORMATION:
; APPLICANT: Hogan, Michael
; APPLICANT: Lemeshko, Sery
; APPLICANT: Belosludtsev, Yuri
; APPLICANT: Powderill, Tom
; APPLICANT: Mitra, Rahul
; TITLE OF INVENTION: METHODS AND DEVICES BASED UPON A NOVEL
; TITLE OF INVENTION: FORM OF NUCLEIC ACID DUPLICATION ON A SURFACE
; FILE REFERENCE: AP34457 00A146.0162
; CURRENT APPLICATION NUMBER: US/10/193,938
; CURRENT FILING DATE: 2002-07-11
; PRIOR APPLICATION NUMBER: 60/304,500
; PRIOR FILING DATE: 2001-07-11
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide mt-12-as
US-10-193-938-2

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 57;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGAG 22
DB 2 TGTACAGGAG 12

RESULT 100
US-10-193-938-8/c
; Sequence 8, Application US/10193938

; Publication No. US20030134299A1
; GENERAL INFORMATION:
; APPLICANT: Hogan, Michael
; APPLICANT: Lemeshko, Sery
; APPLICANT: Belosludtsev, Yuri
; APPLICANT: Powderill, Tom
; APPLICANT: Mitra, Rahul
; TITLE OF INVENTION: METHODS AND DEVICES BASED UPON A NOVEL
; TITLE OF INVENTION: FORM OF NUCLEIC ACID DUPLICATION ON A SURFACE
; FILE REFERENCE: AP34457 00A146.0162
; CURRENT APPLICATION NUMBER: US/10/193,938
; CURRENT FILING DATE: 2002-07-11
; PRIOR APPLICATION NUMBER: 60/304,500
; PRIOR FILING DATE: 2001-07-11
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide mt-12-s
US-10-193-938-8

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 57;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGAG 22
DB 11 TGTACAGGAG 15

RESULT 101
US-09-912-673A-55
; Sequence 55, Application US/0912673A
; Publication No. US20030186230A1
; GENERAL INFORMATION:
; APPLICANT: Ye, Bangece
; TITLE OF INVENTION: MEDIUM AND LOW DENSITY GENE CHIPS
; FILE REFERENCE: JNB 100
; CURRENT APPLICATION NUMBER: US/09/912,673A
; CURRENT FILING DATE: 2001-07-23
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 55
; LENGTH: 15
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: P(qs)1 DNA probe
US-09-912-673A-55

Query Match 27.1%; Score 7.6; DB 1; Length 15;
Best Local Similarity 71.4%; Pred. No. 82;
Matches 10; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6 CCTACGTGACAG 19
DB 2 CCTCCTGACAG 15

RESULT 102
US-09-818-875-2950
; Sequence 2950, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4

```

; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2950
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-818-875-2950

Query Match      27.1%; Score 7.6; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 91;
Matches 10; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      6 CCTACGTGTACAG 19
        ||| ||| ||| |||
DB      3 CCTCCTGGACAG 16

RESULT 103
US-09-818-875-2951/c
; Sequence 2951, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2951
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-818-875-2951

Query Match      27.1%; Score 7.6; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 91;
Matches 10; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      6 CCTACGTGTACAG 19
        ||| ||| ||| |||
DB      15 CCTCCTGGACAG 2

RESULT 104
US-10-209-787-2950
; Sequence 2950, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.

; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2951
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-209-787-2951

Query Match      27.1%; Score 7.6; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 91;
Matches 10; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      6 CCTACGTGTACAG 19
        ||| ||| ||| |||
DB      15 CCTCCTGGACAG 2

RESULT 105
US-10-209-787-2951/c
; Sequence 2951, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2951
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-209-787-2951

Query Match      27.1%; Score 7.6; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 91;
Matches 10; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      6 CCTACGTGTACAG 19
        ||| ||| ||| |||
DB      15 CCTCCTGGACAG 2

RESULT 106
US-10-209-787-2951/c
; Sequence 2951, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2951
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-209-787-2951

Query Match      27.1%; Score 7.6; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 91;
Matches 10; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      6 CCTACGTGTACAG 19
        ||| ||| ||| |||
DB      15 CCTCCTGGACAG 2

RESULT 106
```

US-10-261-185-2950
; Sequence 2950, Application US/10261185
; Publication No. US20040014057A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4CON
; CURRENT APPLICATION NUMBER: US/10/261,185
; PRIOR FILING DATE: 2002-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/09761
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedmann macro Napro4
; SEQ ID NO 2950
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-261-185-2950

Query Match 27.1%; Score 7.6; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 91;
Matches 10; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6 CCTACGTGTACAGG 19
DB 3 CCTCCCTGGACAGG 16

RESULT 107
US-10-261-185-2951/c
; Sequence 2951, Application US/10261185
; Publication No. US20040014057A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4CON
; CURRENT APPLICATION NUMBER: US/10/261,185
; PRIOR FILING DATE: 2002-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/09761
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedmann macro Napro4
; SEQ ID NO 2951
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-261-185-2951

Query Match 27.1%; Score 7.6; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 91;
Matches 10; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6 CCTACGTGTACAGG 19
DB 15 CCTCCCTGGACAGG 2

RESULT 108
US-09-879-813-73
; Sequence 73, Application US/09879813
; Patent No. US20020155453A1
; GENERAL INFORMATION:
; APPLICANT: Sale, Julian E.
; APPLICANT: Neuberger, Michael S.
; TITLE OF INVENTION: Method of Generating Diversity
; FILE REFERENCE: 18396/2005
; CURRENT APPLICATION NUMBER: US/09/879,813
; PRIOR FILING DATE: 2001-06-11
; PRIOR APPLICATION NUMBER: 09/828,717
; PRIOR FILING DATE: 2001-06-04
; PRIOR APPLICATION NUMBER: PCT/GB99/03358
; PRIOR FILING DATE: 1999-10-08
; NUMBER OF SEQ ID NOS: 87
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 73
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (7)-(10)
; OTHER INFORMATION: F264
; OTHER INFORMATION: The sequence ACA replaces the sequence GAGAG.46bp.CGTC
US-09-879-813-73

Query Match 25.7%; Score 7.2; DB 1; Length 15;
Best Local Similarity 75.0%; Pred. No. 94;
Matches 9; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 11 GTGTACAGGAGG 22
DB 3 GTGCACATGGAGG 14

RESULT 109
US-10-146-505-73
; Sequence 73, Application US/10146505
; Publication No. US20030108889A1
; GENERAL INFORMATION:
; APPLICANT: Sale, Julian E.
; APPLICANT: Neuberger, Michael S.
; TITLE OF INVENTION: Method of Generating Diversity
; FILE REFERENCE: 18396/2005B
; CURRENT APPLICATION NUMBER: US/10/146,505
; PRIOR FILING DATE: 2002-11-18
; PRIOR APPLICATION NUMBER: 09/828,717
; PRIOR FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: 09/879,813
; PRIOR FILING DATE: 2001-06-11
; PRIOR APPLICATION NUMBER: PCT/GB99/03358
; PRIOR FILING DATE: 1999-10-08
; PRIOR APPLICATION NUMBER: GB 9822104.7
; PRIOR FILING DATE: 1998-10-09
; PRIOR APPLICATION NUMBER: GB 9901141.3
; PRIOR FILING DATE: 1999-01-19
; PRIOR APPLICATION NUMBER: GB 9913435.5
; PRIOR FILING DATE: 1999-06-09
; NUMBER OF SEQ ID NOS: 127
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 73
; LENGTH: 15
; TYPE: DNA


```
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
LOCATION: (7)..(10)
OTHER INFORMATION: F264
OTHER INFORMATION: The sequence ACA replaces the sequence GAGAG.46bp. CGTC
US-10-146-505-73
```

```
Query Match      25.7%; Score 7.2; DB 1; Length 15;
Best Local Similarity 75.0%; Pred. No. 94;
Matches 9; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      11 GTGTACAGGGAG 22
DB      3 GTGCACATGGGG 14
```

```
RESULT 110
US-09-504-231A-319/c
Sequence 319, Application US/09504231A
Patent No. US20020013458A1
GENERAL INFORMATION:
```

```
APPLICANT: Blatt, Lawrence
APPLICANT: McSwiggen, James
APPLICANT: Roberts, Beth
APPLICANT: Pavco, Pamela
APPLICANT: Macejak, Dennis
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
FILE REFERENCE: rpi 247/282
CURRENT APPLICATION NUMBER: US/09/504,231A
CURRENT FILING DATE: 2000-02-15
```

```
PRIOR APPLICATION NUMBER: 09/274,553
PRIOR FILING DATE: 1999-03-23
PRIOR APPLICATION NUMBER: 09/257,608
PRIOR FILING DATE: 1999-02-24
PRIOR APPLICATION NUMBER: 60/100,842
PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/083,217
PRIOR FILING DATE: 1998-04-27
NUMBER OF SEQ ID NOS: 3242
SOFTWARE: PatentIn version 3.0
SEQ ID NO 319
```

```
LENGTH: 15
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-504-231A-319
```

```
Query Match      25.7%; Score 7.2; DB 1; Length 15;
Best Local Similarity 75.0%; Pred. No. 94;
Matches 9; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      15 ACAGGAGTCCA 26
DB      13 ACCTGGACTCCA 2
```

```
RESULT 111
US-09-274-553D-319/c
Sequence 319, Application US/09274553D
Patent No. US20020082225A1
GENERAL INFORMATION:
APPLICANT: Blatt, Lawrence
APPLICANT: McSwiggen, James
APPLICANT: Roberts, Beth
APPLICANT: Pavco, Pamela
APPLICANT: Macejak, Dennis
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
FILE REFERENCE: rpi 247/282
CURRENT APPLICATION NUMBER: US/09/274,553D
```

```
CURRENT FILING DATE: 1999-03-23
PRIOR APPLICATION NUMBER: 09/257,608
PRIOR FILING DATE: 1999-02-24
PRIOR APPLICATION NUMBER: 60/100,842
PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/083,217
PRIOR FILING DATE: 1998-04-27
NUMBER OF SEQ ID NOS: 3148
SOFTWARE: PatentIn version 3.0
SEQ ID NO 319
LENGTH: 15
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-274-553D-319
```

```
Query Match      25.7%; Score 7.2; DB 1; Length 15;
Best Local Similarity 75.0%; Pred. No. 94;
Matches 9; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      15 ACAGGAGTCCA 26
DB      13 ACCTGGACTCCA 2
```

```
RESULT 112
US-10-159-856-39
Sequence 39, Application US/10159856
Publication No. US20030228689A1
GENERAL INFORMATION:
```

```
APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Doble
TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR KINASE 6 EXP
FILE REFERENCE: RTS-0365
CURRENT APPLICATION NUMBER: US/10/159,856
CURRENT FILING DATE: 2002-05-31
NUMBER OF SEQ ID NOS: 134
SEQ ID NO 39
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
```

```
OTHER INFORMATION: Antisense Oligonucleotide
US-10-159-856-39
```

```
Query Match      25.7%; Score 7.2; DB 1; Length 20;
Best Local Similarity 75.0%; Pred. No. 1e+02;
Matches 9; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      8 TACGTACACG 19
DB      2 TCCCTGTACACG 13
```

```
RESULT 113
US-10-159-856-105/c
Sequence 105, Application US/10159856
Publication No. US20030228689A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Doble
TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR KINASE 6 EXP
FILE REFERENCE: RTS-0365
CURRENT APPLICATION NUMBER: US/10/159,856
CURRENT FILING DATE: 2002-05-31
NUMBER OF SEQ ID NOS: 134
SEQ ID NO 105
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
US-10-159-856-105
```

Query Match 25.7%; Score 7.2; DB 1; Length 20;
Best Local Similarity 75.0%; Pred. No. 1e+02;
Matches 9; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 8 TACGTACAGG 19
| | | | | | | | | |
Db 19 TCCCTGTACAGG 8

RESULT 114

US-09-882-945A-275/C
; Sequence 275, Application US/09882945A
; Publication No. US20030143535A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor
; APPLICANT: Allawi, Hatim
; APPLICANT: Dong, Fang
; APPLICANT: Neri, Bruce
; APPLICANT: Vener, Tatiana
; TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
; FILE REFERENCE: FORS-04586
; CURRENT APPLICATION NUMBER: US/09/882,945A
; CURRENT FILING DATE: 2001-06-15
; NUMBER OF SEQ ID NOS: 334
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 275
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-882-945A-275

Query Match 25.0%; Score 7; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 1e+02;
Matches 10; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 11 GTGTACAGGAGTCC 25
| | | | | | | | | |
Db 15 GTAGACATAGGAGTCC 1

RESULT 115

US-09-929-507-19
; Sequence 19, Application US/09929507
; Publication No. US2003003976A1
; GENERAL INFORMATION:
; APPLICANT: Haff, Lawrence A.
; TITLE OF INVENTION: Methods For Base Counting
; FILE REFERENCE: STP-170
; CURRENT APPLICATION NUMBER: US/09/929,507
; CURRENT FILING DATE: 2001-08-14
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 19
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-09-929-507-19

Query Match 24.3%; Score 6.8; DB 1; Length 12;
Best Local Similarity 80.0%; Pred. No. 87;
Matches 8; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 10 CGTGACAGG 19
| | | | | | | | | |
Db 2 CCGACAGG 11

RESULT 116

US-08-591-486B-164

; Sequence 164, Application US/08591486B
; Publication No. US20020037866A1
; GENERAL INFORMATION:
; APPLICANT: Schlingsiepen, Georg F
; APPLICANT: Schlingsiepen, Reimar
; APPLICANT: Schlingsiepen, Karl-Hermann
; APPLICANT: Göttingen, Wolfgang Brysch
; TITLE OF INVENTION: A Pharmaceutical Composition
; TITLE OF INVENTION: Comprising Antisense-Nucleic Acid for Prevention and/or Treat
; TITLE OF INVENTION: of Neuronal Injury, Degeneration and Cell Death and for the
; NUMBER OF SEQUENCES: 185
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Jacobson, Price, Holman & Stern
; STREET: 400 Seventh Street, N.W.
; CITY: Washington, D.C
; COUNTRY: U.S.A.
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/591,486B
; FILING DATE: 11-JAN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 93111059.7
; FILING DATE: 10-JUL-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/EP94/02218
; FILING DATE: 6-JUL-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Player, William E.
; REGISTRATION NUMBER: 31,409
; REFERENCE/DOCKET NUMBER: 10496/P60122
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 638-6666
; TELEFAX: (202) 393-9350
; TELEX: RCA 248593 IDEA UR
; INFORMATION FOR SEQ ID NO: 164:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; MOLECULE TYPE: DNA (genomic)
; ANTI-SENSE: YES
US-08-591-486B-164

Query Match 24.3%; Score 6.8; DB 1; Length 14;
Best Local Similarity 80.0%; Pred. No. 1e+02;
Matches 8; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGG 20
| | | | | | | | | |
Db 4 GTATACAGG 13

RESULT 117

US-08-983-605-203
; Sequence 203, Application US/08983605A
; Publication No. US20020066118A1
; GENERAL INFORMATION:
; APPLICANT: Roder, Marion
; TITLE OF INVENTION: Microsatellite Markers for Plants of the Species
; TITLE OF INVENTION: Triticum aestivum and Triticum Triticace and the use of
; FILE REFERENCE: 2935, 10400
; CURRENT APPLICATION NUMBER: US/08/983,605A
; CURRENT FILING DATE: 1998-05-01

EARLIER APPLICATION NUMBER: DE 195 25 284.5
; EARLIER FILING DATE: 1995-06-28
; NUMBER OF SEQ ID NOS: 466
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 203
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Triticum aestivum
US-08-983-605-203

Query Match 24.3%; Score 6.8; DB 1; Length 19;
Best Local Similarity 80.0%; Pred. No. 1.1e+02;
Matches 8; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7 CTACGTGTAC 16
| | | | |
| | | | |
Db 1 CTCCTGTAC 10

RESULT 118
US-09-930-423-643
; Sequence 643, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MBH00, 918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 643
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-643

Query Match 23.6%; Score 6.6; DB 1; Length 17;
Best Local Similarity 46.2%; Pred. No. 1.1e+02;
Matches 6; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY 5 CCCTACGTGTAC 17
| | | | |
| | | | |
Db 2 CACUCGCGUACA 14

RESULT 119
US-09-930-423-1045
; Sequence 1045, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MBH00, 918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1045
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-1045

Query Match 23.6%; Score 6.6; DB 1; Length 17;
Best Local Similarity 46.2%; Pred. No. 1.1e+02;
Matches 6; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY 5 CCCTACGTGTAC 17

Db 4 CACUCGCGUACA 16
| | | | |
| | | | |

RESULT 120
US-09-930-423-1120
; Sequence 1120, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MBH00, 918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1120
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-1120

Query Match 23.6%; Score 6.6; DB 1; Length 17;
Best Local Similarity 46.2%; Pred. No. 1.1e+02;
Matches 6; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY 5 CCCTACGTGTAC 17
| | | | |
| | | | |
Db 1 CACUCGCGUACA 13

RESULT 121
US-09-745-237A-643
; Sequence 643, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MBH00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 643
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-643

Query Match 23.6%; Score 6.6; DB 1; Length 17;
Best Local Similarity 46.2%; Pred. No. 1.1e+02;
Matches 6; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY 5 CCCTACGTGTAC 17
| | | | |
| | | | |
Db 2 CACUCGCGUACA 14

RESULT 122
US-09-745-237A-1045
; Sequence 1045, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MBH00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A

;; CURRENT FILING DATE: 2002-04-15
;; NUMBER OF SEQ ID NOS: 4550
;; SOFTWARE: PatentIn version 3.0
;; SEQ ID NO 1045
;; LENGTH: 17
;; TYPE: RNA
;; ORGANISM: Homo sapiens
US-09-745-237A-1045

Query Match 23.6%; Score 6.6; DB 1; Length 17;
Best Local Similarity 46.2%; Pred.No.1.1e+02;
Matches 6; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY 5 CCTTACGTGTACA 17
| | | | |
Db 4 CACUCGCGUACA 16

RESULT 123
US-09-745-237A-1120
; Sequence 1120, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MEHB00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1120
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-1120

Query Match 23.6%; Score 6.6; DB 1; Length 17;
Best Local Similarity 46.2%; Pred.No.1.1e+02;
Matches 6; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY 5 CCTTACGTGTACA 17
| | | | |
Db 1 CACUCGCGUACA 13

RESULT 124
US-10-027-632-176254/c
; Sequence 176254, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720

;; SOFTWARE: FastSeq for Windows Version 4.0
;; SEQ ID NO 176254
;; LENGTH: 11
;; TYPE: DNA
;; ORGANISM: Human
US-10-027-632-176254

Query Match 22.9%; Score 6.4; DB 1; Length 11;
Best Local Similarity 87.5%; Pred.No.92;
Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 18 GGGAGTCC 25
| | | | |
Db 10 GGGAGTCC 3

RESULT 125
US-10-027-632-176254/c
; Sequence 176254, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 176254
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-176254

Query Match 22.9%; Score 6.4; DB 1; Length 11;
Best Local Similarity 87.5%; Pred.No.92;
Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 18 GGGAGTCC 25
| | | | |
Db 10 GGGAGTCC 3

RESULT 126
US-10-407-637-20
; Sequence 20, Application US/10407637
; Publication No. US20030194736A1
; GENERAL INFORMATION:
; APPLICANT: Bitinaite, Jurate
; TITLE OF INVENTION: Methods And Compositions For DNA Manipulation
; FILE REFERENCE: NER-203-US
; CURRENT APPLICATION NUMBER: US/10/407,637
; CURRENT FILING DATE: 2003-04-04
; PRIOR APPLICATION NUMBER: US 60/372,352
; PRIOR FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 60/372,675
; PRIOR FILING DATE: 2002-04-15
; PRIOR APPLICATION NUMBER: US 60/421,010

PRIOR FILING DATE: 2002-10-24
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 20
; LENGTH: 12
; TYPE: DNA
; ORGANISM: unknown
; FEATURE:
; OTHER INFORMATION: mutated pUC19
US-10-407-637-20

Query Match 22.1%; Score 6.2; DB 1; Length 12;
Best Local Similarity 72.7%; Pred. No. 1.1e+02;
Matches 8; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 12 TGTACAGGAG 22
DB 1 TGTACACCTAG 11

RESULT 127
US-09-989-789-2453
; Sequence 2453, Application US/09989789
; Patent No. US20020063379A1
; GENERAL INFORMATION:
; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; FILE REFERENCE: 8325-0011.20 / S11-US2
; CURRENT APPLICATION NUMBER: US/09/989,789
; CURRENT FILING DATE: 2002-03-25
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 2453
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
US-09-989-789-2453

Query Match 21.4%; Score 6; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 GGGCCC 7
DB 3 GGGCCC 8

RESULT 128
US-09-989-789-2454
; Sequence 2454, Application US/09989789
; Patent No. US20020063379A1
; GENERAL INFORMATION:
; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; FILE REFERENCE: 8325-0011.20 / S11-US2
; CURRENT APPLICATION NUMBER: US/09/989,789
; CURRENT FILING DATE: 2002-03-25
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 2454
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
US-09-989-789-2454

Query Match 21.4%; Score 6; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 GGGCCC 7
DB 3 GGGCCC 8

RESULT 129
US-09-990-186-2453
; Sequence 2453, Application US/09990186
; Publication No. US20030068675A1
; GENERAL INFORMATION:
; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; FILE REFERENCE: 8325-0011.21 / S11-US3
; CURRENT APPLICATION NUMBER: US/09/990,186
; CURRENT FILING DATE: 2001-11-20
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 2453
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
US-09-990-186-2453

Query Match 21.4%; Score 6; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 GGGCCC 7
DB 3 GGGCCC 8

RESULT 130
US-09-990-186-2454
; Sequence 2454, Application US/09990186
; Publication No. US20030068675A1
; GENERAL INFORMATION:
; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; FILE REFERENCE: 8325-0011.21 / S11-US3
; CURRENT APPLICATION NUMBER: US/09/990,186
; CURRENT FILING DATE: 2001-11-20
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 2454
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
US-09-990-186-2454

Query Match 21.4%; Score 6; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 GGGCCC 7
DB 3 GGGCCC 8

RESULT 131
US-09-989-994-2453

```

; Sequence 2453, Application US/09989994
; Publication No. US20030104526A1
; GENERAL INFORMATION:
; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; FILE REFERENCE: 8325-0011.20 / S11-US2
; CURRENT APPLICATION NUMBER: US/09/989,994
; CURRENT FILING DATE: 2001-11-20
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2453
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
US-09-989-994-2453

```

```

Query Match          21.4%; Score 6; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2 GGGCCC 7
Db 3 GGGCCC 8

```

```

RESULT 132
US-09-989-994-2454
; Sequence 2454, Application US/09989994
; Publication No. US20030104526A1
; GENERAL INFORMATION:
; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; FILE REFERENCE: 8325-0011.20 / S11-US2
; CURRENT APPLICATION NUMBER: US/09/989,994
; CURRENT FILING DATE: 2001-11-20
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2454
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
US-09-989-994-2454

```

```

Query Match          21.4%; Score 6; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2 GGGCCC 7
Db 3 GGGCCC 8

```

```

Search completed: April 19, 2004, 15:10:53
Job time : 0.001 secs

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C 254	8 4	30 0	12 1	US-10-257-017B-365773	Sequence 365773,	C 327	7 8	27 9	12 1	US-10-257-017B-302468	Sequence 302468,
C 255	8 4	30 0	12 1	US-10-257-017B-377335	Sequence 377335,	C 328	7 8	27 9	12 1	US-10-257-017B-303184	Sequence 303184,
C 256	8 4	30 0	12 1	US-10-708-951-22469	Sequence 22469, A	C 329	7 8	27 9	12 1	US-10-257-017B-303979	Sequence 303979,
C 257	8 4	30 0	12 1	US-10-708-951-31339	Sequence 31339, A	C 330	7 8	27 9	12 1	US-10-257-017B-304190	Sequence 304190,
C 258	8 4	30 0	12 1	US-10-708-951-47233	Sequence 47233, A	C 331	7 8	27 9	12 1	US-10-257-017B-304227	Sequence 304227,
C 259	8 4	30 0	12 1	US-10-708-951-49227	Sequence 49227, A	C 332	7 8	27 9	12 1	US-10-257-017B-306314	Sequence 306314,
C 260	8	28 6	10 1	PCT-US93-285614-246	Sequence 246, App	C 333	7 8	27 9	12 1	US-10-257-017B-306456	Sequence 306456,
C 261	8	28 6	12 1	US-10-257-017B-270228	Sequence 270228,	C 334	7 8	27 9	12 1	US-10-257-017B-306542	Sequence 306542,
C 262	8	28 6	12 1	US-10-257-017B-273565	Sequence 273565,	C 335	7 8	27 9	12 1	US-10-257-017B-307592	Sequence 307592,
C 263	8	28 6	12 1	US-10-257-017B-276700	Sequence 276700,	C 336	7 8	27 9	12 1	US-10-257-017B-308044	Sequence 308044,
C 264	8	28 6	12 1	US-10-257-017B-281698	Sequence 281698,	C 337	7 8	27 9	12 1	US-10-257-017B-310519	Sequence 310519,
C 265	8	28 6	12 1	US-10-257-017B-285822	Sequence 285822,	C 338	7 8	27 9	12 1	US-10-257-017B-311141	Sequence 311141,
C 266	8	28 6	12 1	US-10-257-017B-286347	Sequence 286347,	C 339	7 8	27 9	12 1	US-10-257-017B-312368	Sequence 312368,
C 267	8	28 6	12 1	US-10-257-017B-289277	Sequence 289277,	C 340	7 8	27 9	12 1	US-10-257-017B-312441	Sequence 312441,
C 268	8	28 6	12 1	US-10-257-017B-292479	Sequence 292479,	C 341	7 8	27 9	12 1	US-10-257-017B-312466	Sequence 312466,
C 269	8	28 6	12 1	US-10-257-017B-293614	Sequence 293614,	C 342	7 8	27 9	12 1	US-10-257-017B-313093	Sequence 313093,
C 270	8	28 6	12 1	US-10-257-017B-295535	Sequence 295535,	C 343	7 8	27 9	12 1	US-10-257-017B-313443	Sequence 313443,
C 271	8	28 6	12 1	US-10-257-017B-295537	Sequence 295537,	C 344	7 8	27 9	12 1	US-10-257-017B-313479	Sequence 313479,
C 272	8	28 6	12 1	US-10-257-017B-297053	Sequence 297053,	C 345	7 8	27 9	12 1	US-10-257-017B-314459	Sequence 314459,
C 273	8	28 6	12 1	US-10-257-017B-306721	Sequence 306721,	C 346	7 8	27 9	12 1	US-10-257-017B-315082	Sequence 315082,
C 274	8	28 6	12 1	US-10-257-017B-310676	Sequence 310676,	C 347	7 8	27 9	12 1	US-10-257-017B-316198	Sequence 316198,
C 275	8	28 6	12 1	US-10-257-017B-313383	Sequence 313383,	C 348	7 8	27 9	12 1	US-10-257-017B-317830	Sequence 317830,
C 276	8	28 6	12 1	US-10-257-017B-313957	Sequence 313957,	C 349	7 8	27 9	12 1	US-10-257-017B-317955	Sequence 317955,
C 277	8	28 6	12 1	US-10-257-017B-313961	Sequence 313961,	C 350	7 8	27 9	12 1	US-10-257-017B-317995	Sequence 317995,
C 278	8	28 6	12 1	US-10-257-017B-316186	Sequence 316186,	C 351	7 8	27 9	12 1	US-10-257-017B-318378	Sequence 318378,
C 279	8	28 6	12 1	US-10-257-017B-328918	Sequence 328918,	C 352	7 8	27 9	12 1	US-10-257-017B-318834	Sequence 318834,
C 280	8	28 6	12 1	US-10-257-017B-328918	Sequence 328918,	C 353	7 8	27 9	12 1	US-10-257-017B-318834	Sequence 318834,
C 281	8	28 6	12 1	US-10-257-017B-356331	Sequence 356331,	C 354	7 8	27 9	12 1	US-10-257-017B-319613	Sequence 319613,
C 282	8	28 6	12 1	US-10-257-017B-356333	Sequence 356333,	C 355	7 8	27 9	12 1	US-10-257-017B-319831	Sequence 319831,
C 283	8	28 6	12 1	US-10-257-017B-356623	Sequence 356623,	C 356	7 8	27 9	12 1	US-10-257-017B-320586	Sequence 320586,
C 284	8	28 6	12 1	US-10-257-017B-359372	Sequence 359372,	C 357	7 8	27 9	12 1	US-10-257-017B-322085	Sequence 322085,
C 285	8	28 6	12 1	US-10-257-017B-362461	Sequence 362461,	C 358	7 8	27 9	12 1	US-10-257-017B-323348	Sequence 323348,
C 286	8	28 6	12 1	US-10-257-017B-363232	Sequence 363232,	C 359	7 8	27 9	12 1	US-10-257-017B-324139	Sequence 324139,
C 287	8	28 6	12 1	US-10-257-017B-375376	Sequence 375376,	C 360	7 8	27 9	12 1	US-10-257-017B-326585	Sequence 326585,
C 288	8	28 6	12 1	US-10-257-017B-376075	Sequence 376075,	C 361	7 8	27 9	12 1	US-10-257-017B-326589	Sequence 326589,
C 289	7 8	27 9	11 1	US-10-708-951-20987	Sequence 20987, A	C 362	7 8	27 9	12 1	US-10-257-017B-327497	Sequence 327497,
C 290	7 8	27 9	11 1	US-10-257-017B-318372	Sequence 318372,	C 363	7 8	27 9	12 1	US-10-257-017B-328277	Sequence 328277,
C 291	7 8	27 9	12 1	US-10-257-017B-323347	Sequence 323347,	C 364	7 8	27 9	12 1	US-10-257-017B-328728	Sequence 328728,
C 292	7 8	27 9	12 1	US-10-257-017B-267366	Sequence 267366,	C 365	7 8	27 9	12 1	US-10-257-017B-329472	Sequence 329472,
C 293	7 8	27 9	12 1	US-10-257-017B-267405	Sequence 267405,	C 366	7 8	27 9	12 1	US-10-257-017B-329506	Sequence 329506,
C 294	7 8	27 9	12 1	US-10-257-017B-271559	Sequence 271559,	C 367	7 8	27 9	12 1	US-10-257-017B-329543	Sequence 329543,
C 295	7 8	27 9	12 1	US-10-257-017B-272595	Sequence 272595,	C 368	7 8	27 9	12 1	US-10-257-017B-329588	Sequence 329588,
C 296	7 8	27 9	12 1	US-10-257-017B-273652	Sequence 273652,	C 369	7 8	27 9	12 1	US-10-257-017B-330374	Sequence 330374,
C 297	7 8	27 9	12 1	US-10-257-017B-274023	Sequence 274023,	C 370	7 8	27 9	12 1	US-10-257-017B-330436	Sequence 330436,
C 298	7 8	27 9	12 1	US-10-257-017B-274503	Sequence 274503,	C 371	7 8	27 9	12 1	US-10-257-017B-335291	Sequence 335291,
C 299	7 8	27 9	12 1	US-10-257-017B-276361	Sequence 276361,	C 372	7 8	27 9	12 1	US-10-257-017B-335891	Sequence 335891,
C 300	7 8	27 9	12 1	US-10-257-017B-276730	Sequence 276730,	C 373	7 8	27 9	12 1	US-10-257-017B-336406	Sequence 336406,
C 301	7 8	27 9	12 1	US-10-257-017B-276730	Sequence 276730,	C 374	7 8	27 9	12 1	US-10-257-017B-338282	Sequence 338282,
C 302	7 8	27 9	12 1	US-10-257-017B-279384	Sequence 279384,	C 375	7 8	27 9	12 1	US-10-257-017B-338434	Sequence 338434,
C 303	7 8	27 9	12 1	US-10-257-017B-281216	Sequence 281216,	C 376	7 8	27 9	12 1	US-10-257-017B-339067	Sequence 339067,
C 304	7 8	27 9	12 1	US-10-257-017B-281358	Sequence 281358,	C 377	7 8	27 9	12 1	US-10-257-017B-339453	Sequence 339453,
C 305	7 8	27 9	12 1	US-10-257-017B-281982	Sequence 281982,	C 378	7 8	27 9	12 1	US-10-257-017B-340416	Sequence 340416,
C 306	7 8	27 9	12 1	US-10-257-017B-283061	Sequence 283061,	C 379	7 8	27 9	12 1	US-10-257-017B-342694	Sequence 342694,
C 307	7 8	27 9	12 1	US-10-257-017B-284182	Sequence 284182,	C 380	7 8	27 9	12 1	US-10-257-017B-344766	Sequence 344766,
C 308	7 8	27 9	12 1	US-10-257-017B-285439	Sequence 285439,	C 381	7 8	27 9	12 1	US-10-257-017B-345269	Sequence 345269,
C 309	7 8	27 9	12 1	US-10-257-017B-286373	Sequence 286373,	C 382	7 8	27 9	12 1	US-10-257-017B-346722	Sequence 346722,
C 310	7 8	27 9	12 1	US-10-257-017B-289444	Sequence 289444,	C 383	7 8	27 9	12 1	US-10-257-017B-347124	Sequence 347124,
C 311	7 8	27 9	12 1	US-10-257-017B-289636	Sequence 289636,	C 384	7 8	27 9	12 1	US-10-257-017B-347254	Sequence 347254,
C 312	7 8	27 9	12 1	US-10-257-017B-289720	Sequence 289720,	C 385	7 8	27 9	12 1	US-10-257-017B-349585	Sequence 349585,
C 313	7 8	27 9	12 1	US-10-257-017B-292908	Sequence 292908,	C 386	7 8	27 9	12 1	US-10-257-017B-351620	Sequence 351620,
C 314	7 8	27 9	12 1	US-10-257-017B-293312	Sequence 293312,	C 387	7 8	27 9	12 1	US-10-257-017B-351903	Sequence 351903,
C 315	7 8	27 9	12 1	US-10-257-017B-293737	Sequence 293737,	C 388	7 8	27 9	12 1	US-10-257-017B-352705	Sequence 352705,
C 316	7 8	27 9	12 1	US-10-257-017B-294482	Sequence 294482,	C 389	7 8	27 9	12 1	US-10-257-017B-354546	Sequence 354546,
C 317	7 8	27 9	12 1	US-10-257-017B-295634	Sequence 295634,	C 390	7 8	27 9	12 1	US-10-257-017B-354916	Sequence 354916,
C 318	7 8	27 9	12 1	US-10-257-017B-296575	Sequence 296575,	C 391	7 8	27 9	12 1	US-10-257-017B-355446	Sequence 355446,
C 319	7 8	27 9	12 1	US-10-257-017B-298605	Sequence 298605,	C 392	7 8	27 9	12 1	US-10-257-017B-357410	Sequence 357410,
C 320	7 8	27 9	12 1	US-10-257-017B-298607	Sequence 298607,	C 393	7 8	27 9	12 1	US-10-257-017B-359433	Sequence 359433,
C 321	7 8	27 9	12 1	US-10-257-017B-299134	Sequence 299134,	C 394	7 8	27 9	12 1	US-10-257-017B-360057	Sequence 360057,
C 322	7 8	27 9	12 1	US-10-257-017B-299789	Sequence 299789,	C 395	7 8	27 9	12 1	US-10-257-017B-360914	Sequence 360914,
C 323	7 8	27 9	12 1	US-10-257-017B-300065	Sequence 300065,	C 396	7 8	27 9	12 1	US-10-257-017B-360925	Sequence 360925,
C 324	7 8	27 9	12 1	US-10-257-017B-300067	Sequence 300067,	C 397	7 8	27 9	12 1	US-10-257-017B-361219	Sequence 361219,
C 325	7 8	27 9	12 1	US-10-257-017B-300705	Sequence 300705,	C 398	7 8	27 9	12 1	US-10-257-017B-364211	Sequence 364211,

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399 7.8 27.9 12 1 US-10-257-017B-366438 Sequence 366438,
401 7.8 27.9 12 1 US-10-257-017B-368188 Sequence 368188,
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416 7.8 27.9 12 1 US-10-661-165-485 Sequence 485, App
417 7.8 27.9 12 1 US-10-708-951-20224 Sequence 20224, A
418 7.8 27.9 12 1 US-10-708-951-21117 Sequence 21117, A
419 7.8 27.9 12 1 US-10-708-951-41057 Sequence 41057, A
420 7.8 27.9 12 1 US-10-708-951-43375 Sequence 43375, A
421 7.8 27.9 13 1 US-10-257-017B-118027 Sequence 118027,
422 7.8 27.9 13 1 US-10-257-017B-118028 Sequence 118028,
423 7.8 27.9 13 1 US-10-257-017B-119279 Sequence 119279,
424 7.8 27.9 13 1 US-10-257-017B-119280 Sequence 119280,
425 7.8 27.9 13 1 US-10-257-017B-144691 Sequence 144691,
426 7.8 27.9 13 1 US-10-257-017B-144692 Sequence 144692,
427 7.8 27.9 13 1 US-10-257-017B-136727 Sequence 136727,
428 7.8 27.9 13 1 US-10-257-017B-136728 Sequence 136728,
429 7.4 26.4 10 1 PCT-US02-31548A-38 Sequence 38, App1
430 7.4 26.4 10 1 PCT-US03-25614-19 Sequence 20, App1
431 7.4 26.4 10 1 PCT-US03-25614-20 Sequence 20, App1
432 7.4 26.4 10 1 PCT-US03-25614-188 Sequence 188, App
433 7.4 26.4 10 1 PCT-US03-25614-754 Sequence 754, App
434 7.4 26.4 10 1 US-09-701-545-211 Sequence 211, App
435 7.4 26.4 10 1 US-09-701-545-273 Sequence 273, App
436 7.4 26.4 10 1 US-10-626-905-38 Sequence 38, App1
437 7.4 26.4 10 1 US-10-626-905-38 Sequence 38, App1
438 7.4 26.4 10 1 US-10-263-330A-28 Sequence 28, App1
439 7.4 26.4 10 1 US-10-263-330A-38 Sequence 38, App1
440 7.4 26.4 10 1 US-10-816-079-20 Sequence 20, App1
441 7.4 26.4 10 1 US-10-816-079-108 Sequence 108, App1
442 7.4 26.4 11 1 PCT-US03-38234A-36 Sequence 36, App1
443 7.4 26.4 11 1 PCT-US03-38234A-36 Sequence 36, App1
444 7.4 26.4 11 1 US-09-988-462-55 Sequence 55, App1
445 7.4 26.4 11 1 US-10-070-387C-100 Sequence 100, App
446 7.4 26.4 11 1 US-10-070-387C-101 Sequence 101, App
447 7.4 26.4 11 1 US-10-801-994-15 Sequence 15, App1
448 7.4 26.4 11 1 US-10-708-951-22468 Sequence 22468, A
449 7.4 26.4 11 1 US-10-708-951-40892 Sequence 40892, A

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ALIGNMENTS

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RESULT 1
US-10-770-726-3802/C
; Sequence 3802, Application US/10770726
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: CANCERS
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM101079 (031896-010000)
; CURRENT APPLICATION NUMBER: US/10/770,726
; CURRENT FILING DATE: 2004-02-04
; NUMBER OF SEQ ID NOS: 48640
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3802
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNA1

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US-10-770-726-3802
Query Match 51.4%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 13;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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RESULT 2
US-10-697-527-203/C
; Sequence 203, Application US/10697527
; GENERAL INFORMATION:
; APPLICANT: Roder, Marion
; TITLE OF INVENTION: MICROSATELLITE MARKERS FOR PLANTS OF THE SPECIES TRITICUM AESTIVUM
; TITLE OF INVENTION: GENUS TRITICUM AND THE USE OF SAID MARKERS
; FILE REFERENCE: US 08/993,605
; CURRENT APPLICATION NUMBER: US/10/697,527
; CURRENT FILING DATE: 2003-10-30
; PRIOR APPLICATION NUMBER: PCT/DE96/01185
; PRIOR FILING DATE: 1996-06-27
; PRIOR APPLICATION NUMBER: DE 195 25 284.5
; PRIOR FILING DATE: 1995-06-28
; NUMBER OF SEQ ID NOS: 466
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 203
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Triticum sp.
US-10-697-527-203

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Query Match 50.7%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 11;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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RESULT 3
US-10-807-114-275
; Sequence 275, Application US/10807114
; GENERAL INFORMATION:
; APPLICANT: Lyamichiev, Victor
; APPLICANT: Allawi, Hatim
; APPLICANT: Dong, Fang
; APPLICANT: Neri, Bruce
; APPLICANT: Vener, Tatiana
; TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
; FILE REFERENCE: F0RS-04586
; CURRENT APPLICATION NUMBER: US/10/807,114
; CURRENT FILING DATE: 2004-03-23
; PRIOR APPLICATION NUMBER: US/09/882,945
; PRIOR FILING DATE: 2001-06-15
; NUMBER OF SEQ ID NOS: 334
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 275
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-807-114-275

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Query Match 43.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 32;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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Db      1 GGACCCATGCTACAG 17

RESULT 4
; Sequence 49746, Application US/10767471
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele et al.
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; FILE REFERENCE: CU001505
; CURRENT APPLICATION NUMBER: US/10/767,471
; CURRENT FILING DATE: 2004-01-30
; NUMBER OF SEQ ID NOS: 50231
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 49746
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-767-471-49746

Query Match      40.0%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 53;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      13 GTACAGGAGTCCAG 28
Db      16 GTACAGGAGTCCAG 1

RESULT 5
PCT-US03-35876-234
; Sequence 234, Application PC/TUS0335876
; GENERAL INFORMATION:
; APPLICANT: Sequenom, Inc.
; APPLICANT: Roth, Richard B.
; APPLICANT: Nelson, Matthew Roberts
; APPLICANT: Braun, Andreas
; APPLICANT: Kammerer, Stefan M.
; TITLE OF INVENTION: METHODS FOR IDENTIFYING RISK OF MELANOMA
; FILE REFERENCE: 524592006140
; CURRENT APPLICATION NUMBER: PCT/US03/35876
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 60/424,475
; PRIOR FILING DATE: 2002-11-06
; PRIOR APPLICATION NUMBER: US 60/489,703
; PRIOR FILING DATE: 2003-07-23
; NUMBER OF SEQ ID NOS: 253
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 234
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
PCT-US03-35876-234

Query Match      40.0%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 62;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      13 GTACAGGAGTCCAG 28
Db      1 GTACGAGATTACAG 16

RESULT 6
PCT-US03-25614-274
; Sequence 274, Application PC/TUS0325614
; GENERAL INFORMATION:
; APPLICANT: Genzyme Corporation
; APPLICANT: The Johns Hopkins University
US-10-767-471-49746

TITLE OF INVENTION: BRAIN ENDOTHELIAL EXPRESSION PATTERNS
; FILE REFERENCE: 003482.00010
; CURRENT APPLICATION NUMBER: PCT/US03/25614
; CURRENT FILING DATE: 2003-08-15
; PRIOR APPLICATION NUMBER: US 60/403,390
; PRIOR FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: US 60/458,978
; PRIOR FILING DATE: 2003-04-01
; NUMBER OF SEQ ID NOS: 869
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 274
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
PCT-US03-25614-274

Query Match      40.0%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 62;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      8 TACGTGTACAGGAGT 23
Db      2 TAACTGTACTGGAAGT 17

RESULT 7
US-10-708-951-36620/c
; Sequence 36620, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIA
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 36620
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-36620

Query Match      40.0%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 62;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      13 GTACAGGAGTCCAG 28
Db      16 GAACAGGTACACAG 1

RESULT 8
US-10-708-951-49386/c
; Sequence 49386, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIA
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 49386
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-49386

Query Match      40.0%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 62;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY 13 GTACAGGAGGCCAG 28
Db 16 GAACAGGTAGACGAG 1

RESULT 9

US-10-257-017B-300881/c
Sequence 300881, Application US/10257017B
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine
TITLE OF INVENTION: methylations
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 300881
LENGTH: 12
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0019231
US-10-257-017B-300881

Query Match

Best Local Similarity 37.1%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 42;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 12 TGTACAGGAGCT 23
Db 12 TGTACAGGAGCT 1

RESULT 10

US-10-257-017B-37735
Sequence 37735, Application US/10257017B
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine
TITLE OF INVENTION: methylations
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 37735
LENGTH: 13
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0011735
US-10-257-017B-37735

Query Match

Best Local Similarity 37.1%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 52;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 8 TACGTGTACAGG 19
Db 2 TACGTGTATAGG 13

RESULT 11

US-10-257-017B-37736/c
Sequence 37736, Application US/10257017B

GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine
TITLE OF INVENTION: methylations
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 37736
LENGTH: 13
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0011735
US-10-257-017B-37736

Query Match

Best Local Similarity 37.1%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 52;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 8 TACGTGTACAGG 19
Db 12 TACGTGTATAGG 1

RESULT 12

US-10-708-951-18728/c
Sequence 18728, Application US/10708951
GENERAL INFORMATION:
APPLICANT: ROSETTA GENOMICS LTD
TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIA
TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
FILE REFERENCE: 55034
CURRENT APPLICATION NUMBER: US/10/708,951
CURRENT FILING DATE: 2004-04-02
NUMBER OF SEQ ID NOS: 59824
SOFTWARE: PatentIn version 3.2
SEQ ID NO 18728
LENGTH: 15
TYPE: RNA
ORGANISM: Homo sapiens
US-10-708-951-18728

Query Match

Best Local Similarity 36.4%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 87;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 10 CGGTACAGGAGTC 24
Db 15 CATGTACAGTAAGTC 1

RESULT 13

US-10-708-951-50493/c
Sequence 50493, Application US/10708951
GENERAL INFORMATION:
APPLICANT: ROSETTA GENOMICS LTD
TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIA
TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
FILE REFERENCE: 55034
CURRENT APPLICATION NUMBER: US/10/708,951
CURRENT FILING DATE: 2004-04-02
NUMBER OF SEQ ID NOS: 59824
SOFTWARE: PatentIn version 3.2
SEQ ID NO 50493
LENGTH: 15
TYPE: RNA
ORGANISM: Homo sapiens
US-10-708-951-50493

Query Match 36.4%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 87;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 10 CGTGACAGGAGTC 24
Db 15 CATGTACAGTAAGTC 1

RESULT 14

US-10-257-017B-104485/c
; Sequence 104485, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 104485
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0026121
US-10-257-017B-104485

Query Match

Best Local Similarity 35.0%; Score 9.8; DB 1; Length 13;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5 CCCTACGTGTACA 17
Db 13 CCTTACGTTTACA 1

RESULT 15

US-10-257-017B-104486
; Sequence 104486, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 104486
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0026121
US-10-257-017B-104486

Query Match

Best Local Similarity 35.0%; Score 9.8; DB 1; Length 13;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5 CCCTACGTGTACA 17
Db 1 CCTTACGTTTACA 13

RESULT 16
US-10-257-017B-113203/c
; Sequence 113203, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 113203
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0028340
US-10-257-017B-113203

Query Match 35.0%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 78;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5 CCCTACGTGTACA 17
Db 13 CCCACGCTTACA 1

RESULT 17

US-10-257-017B-113204
; Sequence 113204, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 113204
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0028340
US-10-257-017B-113204

Query Match

Best Local Similarity 35.0%; Score 9.8; DB 1; Length 13;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5 CCCTACGTGTACA 17
Db 1 CCCACGCTTACA 13

RESULT 18

US-10-257-017B-113207/c
; Sequence 113207, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 113207
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0028340
US-10-257-017B-113207

Query Match

Best Local Similarity 35.0%; Score 9.8; DB 1; Length 13;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5 CCCTACGTGTACA 17
Db 1 CCTTACGTTTACA 13

```
;; TITLE OF INVENTION: methylations
;; FILE REFERENCE: E01/1193/WO
;; CURRENT APPLICATION NUMBER: US/10/257,017B
;; CURRENT FILING DATE: 2002-10-07
;; PRIOR APPLICATION NUMBER: DE 10019173.8
;; PRIOR FILING DATE: 2000-04-07
;; NUMBER OF SEQ ID NOS: 382046
;; SEQ ID NO 113207
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0028340
US-10-257-017B-113207
```

```
Query Match
Best Local Similarity 35.0%; Score 9.8; DB 1; Length 13;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 5 CCCTACGCTGAC 17
Db 13 CCCGACGCTGAC 1
```

```
RESULT 19
US-10-257-017B-113208
;; Sequence 113208, Application US/10257017B
;; GENERAL INFORMATION:
;; APPLICANT: Alexander Olek
;; APPLICANT: Christian Piepenbrock
;; APPLICANT: Kurt Berlin
;; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
;; FILE REFERENCE: E01/1193/WO
;; CURRENT APPLICATION NUMBER: US/10/257,017B
;; CURRENT FILING DATE: 2002-10-07
;; PRIOR APPLICATION NUMBER: DE 10019173.8
;; PRIOR FILING DATE: 2000-04-07
;; NUMBER OF SEQ ID NOS: 382046
;; SEQ ID NO 113208
;; LENGTH: 13
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0028340
US-10-257-017B-113208
```

```
Query Match
Best Local Similarity 35.0%; Score 9.8; DB 1; Length 13;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 5 CCCTACGCTGAC 17
Db 13 CCCGACGCTGAC 1
```

```
RESULT 20
US-10-257-017B-118025/c
;; Sequence 118025, Application US/10257017B
;; GENERAL INFORMATION:
;; APPLICANT: Alexander Olek
;; APPLICANT: Christian Piepenbrock
;; APPLICANT: Kurt Berlin
;; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
;; FILE REFERENCE: E01/1193/WO
;; CURRENT APPLICATION NUMBER: US/10/257,017B
;; CURRENT FILING DATE: 2002-10-07
;; PRIOR APPLICATION NUMBER: DE 10019173.8
;; PRIOR FILING DATE: 2000-04-07
;; NUMBER OF SEQ ID NOS: 382046
;; SEQ ID NO 118025
;; LENGTH: 13
```

```
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0029509
US-10-257-017B-118025
```

```
Query Match
Best Local Similarity 35.0%; Score 9.8; DB 1; Length 13;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 5 CCCTACGCTGAC 17
Db 13 CCCTACTCTGAC 1
```

```
RESULT 21
US-10-257-017B-118026
;; Sequence 118026, Application US/10257017B
;; GENERAL INFORMATION:
;; APPLICANT: Alexander Olek
;; APPLICANT: Christian Piepenbrock
;; APPLICANT: Kurt Berlin
;; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
;; FILE REFERENCE: E01/1193/WO
;; CURRENT APPLICATION NUMBER: US/10/257,017B
;; CURRENT FILING DATE: 2002-10-07
;; PRIOR APPLICATION NUMBER: DE 10019173.8
;; PRIOR FILING DATE: 2000-04-07
;; NUMBER OF SEQ ID NOS: 382046
;; SEQ ID NO 118026
;; LENGTH: 13
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0029509
US-10-257-017B-118026
```

```
Query Match
Best Local Similarity 35.0%; Score 9.8; DB 1; Length 13;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 5 CCCTACGCTGAC 17
Db 13 CCCTACTCTGAC 1
```

```
RESULT 22
US-10-257-017B-118027/c
;; Sequence 118027, Application US/10257017B
;; GENERAL INFORMATION:
;; APPLICANT: Alexander Olek
;; APPLICANT: Christian Piepenbrock
;; APPLICANT: Kurt Berlin
;; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
;; FILE REFERENCE: E01/1193/WO
;; CURRENT APPLICATION NUMBER: US/10/257,017B
;; CURRENT FILING DATE: 2002-10-07
;; PRIOR APPLICATION NUMBER: DE 10019173.8
;; PRIOR FILING DATE: 2000-04-07
;; NUMBER OF SEQ ID NOS: 382046
;; SEQ ID NO 118027
;; LENGTH: 13
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0029509
US-10-257-017B-118027
```

```
Query Match
Best Local Similarity 35.0%; Score 9.8; DB 1; Length 13;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

QY 5 CCCTACGTGTACA 17
| | | | |
Db 13 CCCTACCTCTACA 1

RESULT 23
US-10-257-017B-118028

; Sequence 118028, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 118028
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0029509
US-10-257-017B-118028

Query Match 35.0%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 78;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 CCCTACGTGTACA 17
| | | | |
Db 1 CCCTACCTCTACA 13

RESULT 24
US-10-257-017B-211973

; Sequence 211973, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 211973
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0051670
US-10-257-017B-211973

Query Match 35.0%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 78;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 10 CGGTGACGGGAG 22
| | | | |
Db 1 CGGTGCGGGGAG 13

RESULT 25
US-10-257-017B-211974/c
; Sequence 211974, Application US/10257017B

; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 211974
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0051670
US-10-257-017B-211974

Query Match 35.0%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 78;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 10 CGGTGACGGGAG 22
| | | | |
Db 13 CGGTGCGGGGAG 1

RESULT 26

US-10-257-017B-218769/c
; Sequence 218769, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 218769
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0053208
US-10-257-017B-218769

Query Match 35.0%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 78;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 CCCTACGTGTACA 17
| | | | |
Db 13 CCCTACGTTTAA 1

RESULT 27
US-10-257-017B-218770

; Sequence 218770, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07

```
/ PRIOR APPLICATION NUMBER: DE 10019173.8
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 218770
/ LENGTH: 13
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0053208
US-10-257-017B-218770
```

```
Query Match
Best Local Similarity 35.0%; Score 9.8; DB 1; Length 13;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 GCCCTACGTGTAC 17
DB 1 CCTACGTTTAA 13
```

```
RESULT 28
US-10-708-951-23015
/ Sequence 23015, Application US/10708951
/ GENERAL INFORMATION:
/ APPLICANT: ROSETTA GENOMICS LTD
/ TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
/ FILE REFERENCE: 55034
/ CURRENT APPLICATION NUMBER: US/10/708,951
/ CURRENT FILING DATE: 2004-04-02
/ NUMBER OF SEQ ID NOS: 59824
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 23015
/ LENGTH: 13
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-10-708-951-23015
```

```
Query Match
Best Local Similarity 35.0%; Score 9.8; DB 1; Length 13;
Matches 8; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 4 GCCCTACGTGTAC 16
DB 1 GCCCTUCAGUAC 13
```

```
RESULT 29
US-10-708-951-44513
/ Sequence 44513, Application US/10708951
/ GENERAL INFORMATION:
/ APPLICANT: ROSETTA GENOMICS LTD
/ TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
/ FILE REFERENCE: 55034
/ CURRENT APPLICATION NUMBER: US/10/708,951
/ CURRENT FILING DATE: 2004-04-02
/ NUMBER OF SEQ ID NOS: 59824
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 44513
/ LENGTH: 13
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-10-708-951-44513
```

```
Query Match
Best Local Similarity 35.0%; Score 9.8; DB 1; Length 13;
Matches 8; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 4 GCCCTACGTGTAC 16
DB 1 GCCCTUCAGUAC 13
```

```
RESULT 30
US-10-257-017B-289495/c
/ Sequence 289495, Application US/10257017B
/ GENERAL INFORMATION:
/ APPLICANT: Alexander Olek
/ APPLICANT: Christian Piepenbrock
/ APPLICANT: Kurt Berlin
/ TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosi
/ FILE REFERENCE: E01/1193/NO
/ CURRENT APPLICATION NUMBER: US/10/257,017B
/ CURRENT FILING DATE: 2002-10-07
/ PRIOR APPLICATION NUMBER: DE 10019173.8
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 289495
/ LENGTH: 12
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0013961
US-10-257-017B-289495
```

```
Query Match
Best Local Similarity 33.6%; Score 9.4; DB 1; Length 12;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 13 GTACAGGAGT 23
DB 12 GTATAGGAGT 2
```

```
RESULT 31
US-10-257-017B-321794/c
/ Sequence 321794, Application US/10257017B
/ GENERAL INFORMATION:
/ APPLICANT: Alexander Olek
/ APPLICANT: Christian Piepenbrock
/ APPLICANT: Kurt Berlin
/ TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosi
/ FILE REFERENCE: E01/1193/NO
/ CURRENT APPLICATION NUMBER: US/10/257,017B
/ CURRENT FILING DATE: 2002-10-07
/ PRIOR APPLICATION NUMBER: DE 10019173.8
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 321794
/ LENGTH: 12
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0030495
US-10-257-017B-321794
```

```
Query Match
Best Local Similarity 33.6%; Score 9.4; DB 1; Length 12;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 12 TGTACAGGAG 22
DB 11 TGTATAGGAG 1
```

```
RESULT 32
US-10-257-017B-323349/c
/ Sequence 323349, Application US/10257017B
/ GENERAL INFORMATION:
/ APPLICANT: Alexander Olek
/ APPLICANT: Christian Piepenbrock
/ APPLICANT: Kurt Berlin
/ TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosi
```

```

; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 323349
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0031342
US-10-257-017B-323349
```

```

Query Match
Best Local Similarity 33.6%; Score 9.4; DB 1; Length 12;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```

QY 5 CCTACGCTGA 15
Db 11 CCTACGCTGA 1
```

```

RESULT 33
US-10-257-017B-340417
; Sequence 340417, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 340417
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer
US-10-257-017B-340417
```

```

Query Match
Best Local Similarity 33.6%; Score 9.4; DB 1; Length 12;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```

QY 5 CCTACGCTGA 15
Db 1 CCTACGCTGA 11
```

```

RESULT 34
US-10-257-017B-354020/c
; Sequence 354020, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 354020
; LENGTH: 12
```

```

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0048652
US-10-257-017B-354020
```

```

Query Match
Best Local Similarity 33.6%; Score 9.4; DB 1; Length 12;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```

QY 12 TGTACAGGAG 22
Db 11 TGTACAGGAG 1
```

```

RESULT 35
US-10-257-017B-18279
; Sequence 18279, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 18279
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC003884
US-10-257-017B-18279
```

```

Query Match
Best Local Similarity 33.6%; Score 9.4; DB 1; Length 13;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```

QY 8 TACGTGACG 18
Db 3 TACGTGATAG 13
```

```

RESULT 36
US-10-257-017B-18280/c
; Sequence 18280, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 18280
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC003884
US-10-257-017B-18280
```

```

Query Match
Best Local Similarity 33.6%; Score 9.4; DB 1; Length 13;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

QY 8 TAGCTGTAAG 18
 |||||
 Db 11 TAGGTGTATAG 1

RESULT 37

US-10-257-017B-51415
 ; Sequence 51415, Application US/10257017B
 ; GENERAL INFORMATION:
 ; APPLICANT: Alexander Olek
 ; APPLICANT: Christian Piepenbrock
 ; APPLICANT: Kurt Berlin
 ; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
 ; FILE REFERENCE: E01/1193/WO
 ; CURRENT APPLICATION NUMBER: US/10/257,017B
 ; CURRENT FILING DATE: 2002-10-07
 ; PRIOR APPLICATION NUMBER: DE 10019173.8
 ; PRIOR FILING DATE: 2000-04-07
 ; NUMBER OF SEQ ID NOS: 382046
 ; SEQ ID NO 51415
 ; LENGTH: 13
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0014352
 US-10-257-017B-51415

Query Match

Best Local Similarity 33.6%; Score 9.4; DB 1; Length 13;
 Best Local Similarity 90.9%; Pred. No. 1e+02; 1; Indels 0; Gaps 0;
 Matches 10; Conservative 0; Mismatches 1;

QY 13 GTACAGGAGT 23
 |||||
 Db 2 GTATAGGAGT 12

RESULT 38

US-10-257-017B-51416/c
 ; Sequence 51416, Application US/10257017B
 ; GENERAL INFORMATION:
 ; APPLICANT: Alexander Olek
 ; APPLICANT: Christian Piepenbrock
 ; APPLICANT: Kurt Berlin
 ; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
 ; FILE REFERENCE: E01/1193/WO
 ; CURRENT APPLICATION NUMBER: US/10/257,017B
 ; CURRENT FILING DATE: 2002-10-07
 ; PRIOR APPLICATION NUMBER: DE 10019173.8
 ; PRIOR FILING DATE: 2000-04-07
 ; NUMBER OF SEQ ID NOS: 382046
 ; SEQ ID NO 51416
 ; LENGTH: 13
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0014352
 US-10-257-017B-51416

Query Match

Best Local Similarity 33.6%; Score 9.4; DB 1; Length 13;
 Best Local Similarity 90.9%; Pred. No. 1e+02; 1; Indels 0; Gaps 0;
 Matches 10; Conservative 0; Mismatches 1;

QY 13 GTACAGGAGT 23
 |||||
 Db 12 GTATAGGAGT 2

RESULT 39

US-10-257-017B-54467/c
 ; Sequence 54467, Application US/10257017B

; GENERAL INFORMATION:
 ; APPLICANT: Alexander Olek
 ; APPLICANT: Christian Piepenbrock
 ; APPLICANT: Kurt Berlin
 ; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
 ; FILE REFERENCE: E01/1193/WO
 ; CURRENT APPLICATION NUMBER: US/10/257,017B
 ; CURRENT FILING DATE: 2002-10-07
 ; PRIOR APPLICATION NUMBER: DE 10019173.8
 ; PRIOR FILING DATE: 2000-04-07
 ; NUMBER OF SEQ ID NOS: 382046
 ; SEQ ID NO 54467
 ; LENGTH: 13
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0014930
 US-10-257-017B-54467

Query Match

Best Local Similarity 33.6%; Score 9.4; DB 1; Length 13;
 Best Local Similarity 76.9%; Pred. No. 1e+02; 2; Indels 0; Gaps 0;
 Matches 10; Conservative 1; Mismatches 2;

QY 4 GCCCTACGTGATC 16
 :|||
 Db 13 RCCCTACGTATTC 1

RESULT 40

US-10-257-017B-54468
 ; Sequence 54468, Application US/10257017B
 ; GENERAL INFORMATION:
 ; APPLICANT: Alexander Olek
 ; APPLICANT: Christian Piepenbrock
 ; APPLICANT: Kurt Berlin
 ; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
 ; FILE REFERENCE: E01/1193/WO
 ; CURRENT APPLICATION NUMBER: US/10/257,017B
 ; CURRENT FILING DATE: 2002-10-07
 ; PRIOR APPLICATION NUMBER: DE 10019173.8
 ; PRIOR FILING DATE: 2000-04-07
 ; NUMBER OF SEQ ID NOS: 382046
 ; SEQ ID NO 54468
 ; LENGTH: 13
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0014930
 US-10-257-017B-54468

Query Match

Best Local Similarity 33.6%; Score 9.4; DB 1; Length 13;
 Best Local Similarity 76.9%; Pred. No. 1e+02; 2; Indels 0; Gaps 0;
 Matches 10; Conservative 1; Mismatches 2;

QY 4 GCCCTACGTGATC 16
 :|||
 Db 1 RCCCTACGTATTC 13

RESULT 41

US-10-257-017B-62123/c
 ; Sequence 62123, Application US/10257017B
 ; GENERAL INFORMATION:
 ; APPLICANT: Alexander Olek
 ; APPLICANT: Christian Piepenbrock
 ; APPLICANT: Kurt Berlin
 ; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
 ; FILE REFERENCE: E01/1193/WO
 ; CURRENT APPLICATION NUMBER: US/10/257,017B
 ; CURRENT FILING DATE: 2002-10-07


```

; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 62123
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0016499
US-10-257-017B-62123
```

```

Query Match
Best Local Similarity 33.6%; Score 9.4; DB 1; Length 13;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5 CCTACGTGTA 15
DB 12 CCTACGTATA 2
```

```

RESULT 42
US-10-257-017B-62124
; Sequence 62124, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/NO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 62124
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0016499
US-10-257-017B-62124
```

```

Query Match
Best Local Similarity 33.6%; Score 9.4; DB 1; Length 13;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5 CCTACGTGTA 15
DB 2 CCTACGTATA 12
```

```

RESULT 43
US-10-257-017B-69541/c
; Sequence 69541, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/NO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 69541
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0018095
```

```

US-10-257-017B-69541
```

```

Query Match
Best Local Similarity 33.6%; Score 9.4; DB 1; Length 13;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5 CCTACGTGTA 15
DB 13 CCTACGTCTA 3
```

```

RESULT 44
US-10-257-017B-69542
; Sequence 69542, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/NO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 69542
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0018095
US-10-257-017B-69542
```

```

Query Match
Best Local Similarity 33.6%; Score 9.4; DB 1; Length 13;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5 CCTACGTGTA 15
DB 1 CCTACGTCTA 11
```

```

RESULT 45
US-10-257-017B-119279/c
; Sequence 119279, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/NO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 119279
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0029787
US-10-257-017B-119279
```

```

Query Match
Best Local Similarity 33.6%; Score 9.4; DB 1; Length 13;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7 CTACGTGACA 17
DB 11 CTACGTGACA 1
```

```
RESULT 46
US-10-257-017B-119280
; Sequence 119280, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 119280
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0029787
US-10-257-017B-119280
```

```
Query Match      33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 90.9%; Pred. No. 1e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      7 CTACGCTGAC 17
        |||||
Db      3 CTACGCTTACA 13
```

```
RESULT 47
US-10-257-017B-125733
; Sequence 125733, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 125733
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0031438
US-10-257-017B-125733
```

```
Query Match      33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 76.9%; Pred. No. 1e+02;
Matches 10; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      12 TGTACAGGAGTC 24
        |||||
Db      1 TGTATTGGAGTGY 13
```

```
RESULT 48
US-10-257-017B-125734/C
; Sequence 125734, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
```

```
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 125734
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0031438
US-10-257-017B-125734
```

```
Query Match      33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 76.9%; Pred. No. 1e+02;
Matches 10; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      12 TGTACAGGAGTC 24
        |||||
Db      13 TGTATTGGAGTGY 1
```

```
RESULT 49
US-10-257-017B-144691/C
; Sequence 144691, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 144691
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0036396
US-10-257-017B-144691
```

```
Query Match      33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 90.9%; Pred. No. 1e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      7 CTACGCTGAC 17
        |||||
Db      11 CTACGCTTACA 1
```

```
RESULT 50
US-10-257-017B-144692
; Sequence 144692, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 144692
```

```
/ LENGTH: 13
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0036396
US-10-257-017B-144692
```

```
Query Match
Best Local Similarity 33.6%; Score 9.4; DB 1; Length 13;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7 CTAAGGTACA 17
Db 3 CTAAGTCTAC 13
```

```
RESULT 51
US-10-257-017B-163813/c
; Sequence 163813, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 163813
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0041149
US-10-257-017B-163813
```

```
Query Match
Best Local Similarity 33.6%; Score 9.4; DB 1; Length 13;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6 CTAAGGTCTAC 16
Db 12 CTAAGTCTAC 2
```

```
RESULT 52
US-10-257-017B-163814
; Sequence 163814, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 163814
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0041149
US-10-257-017B-163814
```

```
Query Match
Best Local Similarity 33.6%; Score 9.4; DB 1; Length 13;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6 CTAAGGTCTAC 16
Db 2 CTAAGTCTAC 12
```

```
RESULT 53
US-10-257-017B-171703
; Sequence 171703, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 171703
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0042797
US-10-257-017B-171703
```

```
Query Match
Best Local Similarity 33.6%; Score 9.4; DB 1; Length 13;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 18 GGAGTCCAGG 28
Db 2 GGAGTCCAGG 12
```

```
RESULT 54
US-10-257-017B-171704/c
; Sequence 171704, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 171704
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0042797
US-10-257-017B-171704
```

```
Query Match
Best Local Similarity 33.6%; Score 9.4; DB 1; Length 13;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 18 GGAGTCCAGG 28
Db 12 GGAGTCCAGG 2
```

```
RESULT 55
US-10-257-017B-201255/c
```

```
; Sequence 201255, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 201255
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0049513
US-10-257-017B-201255
```

```
Query Match          33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 90.9%; Pred. No. 1e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      6 CCTACGCTGATC 16
         |||||
Db       11 CCTACGTATAC 1
```

```
RESULT 56
US-10-257-017B-201256
; Sequence 201256, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 201256
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0049513
US-10-257-017B-201256
```

```
Query Match          33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 90.9%; Pred. No. 1e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      6 CCTACGCTGATC 16
         |||||
Db       3 CCTACGTATAC 13
```

```
RESULT 57
US-10-257-017B-207243
; Sequence 207243, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
```

```
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 207243
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0007000
US-10-257-017B-207243
```

```
Query Match          33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 76.9%; Pred. No. 1e+02;
Matches 10; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      12 TGTACAGGAGATC 24
         |||||
Db       1 TGTACGGGAGATY 13
```

```
RESULT 58
US-10-257-017B-207244/C
; Sequence 207244, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 207244
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0007000
US-10-257-017B-207244
```

```
Query Match          33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 76.9%; Pred. No. 1e+02;
Matches 10; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      12 TGTACAGGAGATC 24
         |||||
Db       13 TGTACGGGAGATY 1
```

```
RESULT 59
US-10-257-017B-242635/C
; Sequence 242635, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 242635
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0059191
US-10-257-017B-242635

Query Match 33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 90.9%; Pred. No. 1e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6 CCTACGCTAC 16
DB 12 CCTACGCTATAC 2

RESULT 60
US-10-257-017B-242636

Sequence 242636, Application US/10257017B
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 242636
LENGTH: 13
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0059191
US-10-257-017B-242636

Query Match 33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 90.9%; Pred. No. 1e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6 CCTACGCTAC 16
DB 2 CCTACGCTATAC 12

RESULT 61

US-10-257-017B-242813/c
Sequence 242813, Application US/10257017B
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 242813
LENGTH: 13
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0059260
US-10-257-017B-242813

Query Match 33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 76.9%; Pred. No. 1e+02;
Matches 10; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 4 GCCTACGCTAC 16
DB 4 GCCTACGCTATAC 16

DB 13 RCCCTACTATAC 1

RESULT 62
US-10-257-017B-242814
Sequence 242814, Application US/10257017B
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin

TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 242814
LENGTH: 13
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0059260
US-10-257-017B-242814

Query Match 33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 76.9%; Pred. No. 1e+02;
Matches 10; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 4 GCCTACGCTAC 16
DB 1 RCCCTACTATAC 13

RESULT 63

US-10-257-017B-247529
Sequence 247529, Application US/10257017B
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 247529
LENGTH: 13
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0060486
US-10-257-017B-247529

Query Match 33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 76.9%; Pred. No. 1e+02;
Matches 10; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACGGAGTGC 24
DB 1 TGTGTAGGAGTGY 13

RESULT 64

US-10-257-017B-247530/c
Sequence 247530, Application US/10257017B
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock

```

; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257, 017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 247530
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0060486
US-10-257-017B-247530

Query Match
Best Local Similarity 33.6%; Score 9.4; DB 1; Length 13;
Matches 10; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 12 TGTACAGGAGATC 24
Db 13 TGTACAGGAGAT 1

RESULT 65
US-10-708-951-18897/c
; Sequence 18897, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708, 951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 18897
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-18897

Query Match
Best Local Similarity 32.9%; Score 9.2; DB 1; Length 14;
Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 10 CGTGTACAGGAGT 23
Db 14 CATGTACAGTAACT 1

RESULT 66
US-10-708-951-41070/c
; Sequence 41070, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708, 951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 41070
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-41070

Query Match
Best Local Similarity 32.9%; Score 9.2; DB 1; Length 14;
Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 10 CGTGTACAGGAGT 23
Db 14 CATGTACAGTAACT 1

RESULT 67
US-10-257-017B-273569
; Sequence 273569, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257, 017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 273569
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC003234
US-10-257-017B-273569

Query Match
Best Local Similarity 32.1%; Score 9; DB 1; Length 12;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 TACGTGTAC 16
Db 3 TACGTGTAC 11

RESULT 68
US-10-257-017B-24117
; Sequence 24117, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Christian Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257, 017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 24117
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC005613
US-10-257-017B-24117

Query Match
Best Local Similarity 32.1%; Score 9; DB 1; Length 13;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 TACGTGTAC 16
Db 1 TACGTGTAC 9

RESULT 69
US-10-257-017B-24118/c
```

```
/ Sequence 24118, Application US/10257017B
/ GENERAL INFORMATION:
/ APPLICANT: Alexander Olek
/ APPLICANT: Christian Piepenbrock
/ APPLICANT: Kurt Berlin
/ TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
/ FILE REFERENCE: E01/1193/MO
/ CURRENT APPLICATION NUMBER: US/10/257,017B
/ CURRENT FILING DATE: 2002-10-07
/ PRIOR APPLICATION NUMBER: DE 10019173.8
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 24118
/ LENGTH: 13
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0005613
US-10-257-017B-24118
```

```
Query Match
Best Local Similarity 32.1%; Score 9; DB 1; Length 13;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 8 TACGCTAC 16
    |||||
Db 13 TACGCTAC 5
```

```
RESULT 70
US-10-257-017B-90253
/ Sequence 90253, Application US/10257017B
/ GENERAL INFORMATION:
/ APPLICANT: Alexander Olek
/ APPLICANT: Christian Piepenbrock
/ APPLICANT: Kurt Berlin
/ TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
/ FILE REFERENCE: E01/1193/MO
/ CURRENT APPLICATION NUMBER: US/10/257,017B
/ CURRENT FILING DATE: 2002-10-07
/ PRIOR APPLICATION NUMBER: DE 10019173.8
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 90253
/ LENGTH: 13
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0022616
US-10-257-017B-90253
```

```
Query Match
Best Local Similarity 32.1%; Score 9; DB 1; Length 13;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 8 TACGCTAC 16
    |||||
Db 4 TACGCTAC 12
```

```
RESULT 71
US-10-257-017B-90254/C
/ Sequence 90254, Application US/10257017B
/ GENERAL INFORMATION:
/ APPLICANT: Alexander Olek
/ APPLICANT: Christian Piepenbrock
/ APPLICANT: Kurt Berlin
/ TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
/ FILE REFERENCE: E01/1193/MO
/ CURRENT APPLICATION NUMBER: US/10/257,017B
```

```
/ CURRENT FILING DATE: 2002-10-07
/ PRIOR APPLICATION NUMBER: DE 10019173.8
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 90254
/ LENGTH: 13
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0022616
US-10-257-017B-90254
```

```
Query Match
Best Local Similarity 32.1%; Score 9; DB 1; Length 13;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 8 TACGCTAC 16
    |||||
Db 10 TACGCTAC 2
```

```
RESULT 72
US-10-770-726-3802
/ Sequence 3802, Application US/10770726
/ GENERAL INFORMATION:
/ APPLICANT: Wyeth
/ APPLICANT: Brown, Eugene
/ APPLICANT: Liu, Wei
/ TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING, PREVENTING, AND TREATING
/ FILE REFERENCE: AM01079 (031896-010000)
/ CURRENT APPLICATION NUMBER: US/10/770,726
/ CURRENT FILING DATE: 2004-02-04
/ NUMBER OF SEQ ID NOS: 48640
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 3802
/ LENGTH: 21
/ TYPE: RNA
/ ORGANISM: RNAI
US-10-770-726-3802
```

```
Query Match
Best Local Similarity 32.1%; Score 9; DB 1; Length 21;
Matches 8; Conservative 4; Mismatches 5; Indels 0; Gaps 0;
```

```
QY 7 CTACGTACAGGAGT 23
    |||||
Db 5 CUUCUGUACAGUAAU 21
```

```
RESULT 73
US-10-257-017B-270959/C
/ Sequence 270959, Application US/10257017B
/ GENERAL INFORMATION:
/ APPLICANT: Alexander Olek
/ APPLICANT: Christian Piepenbrock
/ APPLICANT: Kurt Berlin
/ TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
/ FILE REFERENCE: E01/1193/MO
/ CURRENT APPLICATION NUMBER: US/10/257,017B
/ CURRENT FILING DATE: 2002-10-07
/ PRIOR APPLICATION NUMBER: DE 10019173.8
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 270959
/ LENGTH: 12
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0002339
US-10-257-017B-270959
```

Query Match 31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 12 TGTACAGGAGT 23
Db 12 TGTATGGAGT 1

RESULT 74
US-10-257-017B-271278
; Sequence 271278, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 271278
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0002450
US-10-257-017B-271278

Query Match 31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 6 CCTACGTGTACA 17
Db 1 CCTCGTATACA 12

RESULT 75
US-10-257-017B-271875
; Sequence 271875, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 271875
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0002640
US-10-257-017B-271875

Query Match 31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 6 CCTACGTGTACA 17
Db 1 CCTACGATTACA 12

RESULT 76
US-10-257-017B-272433
; Sequence 272433, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 272433
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer
US-10-257-017B-272433

Query Match 31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 6 CCTACGTGTACA 17
Db 1 CCTACGATTACA 12

RESULT 77
US-10-257-017B-273568/c
; Sequence 273568, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 273568
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0003234
US-10-257-017B-273568

Query Match 31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 6 CCTACGTGTACA 17
Db 12 CATACGGGTACA 1

RESULT 78
US-10-257-017B-273571/c
; Sequence 273571, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 273571
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0003234
US-10-257-017B-273571/c


```
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 273571
LENGTH: 12
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0003234
US-10-257-017B-273571
```

```
Query Match
Best Local Similarity 31.4%; Score 8.8; DB 1; Length 12;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
OY 6 CCTACGTGTACA 17
    |||||
Db 12 CGTAGCGCTACA 1
```

```
RESULT 79
US-10-257-017B-275449
Sequence 275449, Application US/10257017B
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 275449
LENGTH: 12
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0003897
US-10-257-017B-275449
```

```
Query Match
Best Local Similarity 31.4%; Score 8.8; DB 1; Length 12;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
OY 12 TGTACAGGGAGT 23
    |||||
Db 1 TGTATTAGGGAGT 12
```

```
RESULT 80
US-10-257-017B-279184
Sequence 279184, Application US/10257017B
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 279184
LENGTH: 12
TYPE: DNA
```

```
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0007020
US-10-257-017B-279184
```

```
Query Match
Best Local Similarity 31.4%; Score 8.8; DB 1; Length 12;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
OY 6 CCTACGTGTACA 17
    |||||
Db 1 CCTACGTTTAAA 12
```

```
RESULT 81
US-10-257-017B-281949/c
Sequence 281949, Application US/10257017B
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 281949
LENGTH: 12
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0010190
US-10-257-017B-281949
```

```
Query Match
Best Local Similarity 31.4%; Score 8.8; DB 1; Length 12;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
OY 17 AGGAGTCCAGG 28
    |||||
Db 12 AGGAGTTTAAAG 1
```

```
RESULT 82
US-10-257-017B-282227/c
Sequence 282227, Application US/10257017B
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 282227
LENGTH: 12
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0010599
US-10-257-017B-282227
```

```
Query Match
Best Local Similarity 31.4%; Score 8.8; DB 1; Length 12;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

Qy 11 GTGTACAGGAG 22
Db 12 GTGTTAGGAG 1

RESULT 83

US-10-257-017B-284546
; Sequence 284546, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 284546
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0011875
US-10-257-017B-284546

Query Match 31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 11 GTGTACAGGAG 22
Db 1 GAGTATAGGAG 12

RESULT 84

US-10-257-017B-299787
; Sequence 299787, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 299787
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0018744
US-10-257-017B-299787

Query Match 31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 11 GTGTACAGGAG 22
Db 1 GAGTATAGGAG 12

RESULT 85

US-10-257-017B-300066
; Sequence 300066, Application US/10257017B
; GENERAL INFORMATION:

; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 300066
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0018851
US-10-257-017B-300066

Query Match 31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 10 CGGTACAGGGA 21
Db 1 CGTGTAGTGGGA 12

RESULT 86

US-10-257-017B-300068
; Sequence 300068, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 300068
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0018851
US-10-257-017B-300068

Query Match 31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 10 CGGTACAGGGA 21
Db 1 CGTGTAGTGGGA 12

RESULT 87

US-10-257-017B-301687
; Sequence 301687, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8

```

; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 301687
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0019610
US-10-257-017B-301687
```

```

Query Match          31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```

QY      10 CGGTGACAGGGA 21
Db      1 CGGTGTTAGGGA 12
```

```

RESULT 88
US-10-257-017B-310827/C
; Sequence 310827, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257, 017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 310827
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0024134
US-10-257-017B-310827
```

```

Query Match          31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```

QY      11 GTGTACAGGGAG 22
Db      12 GTATATAGGGAG 1
```

```

RESULT 89
US-10-257-017B-317152/C
; Sequence 317152, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257, 017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 317152
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0027831
US-10-257-017B-317152
```

```

Query Match          31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```

QY      12 TGTACAGGAGT 23
Db      12 GTTAGGGGAGT 1
```

```

RESULT 90
US-10-257-017B-318372
; Sequence 318372, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257, 017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 318372
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0028620
US-10-257-017B-318372
```

```

Query Match          31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```

QY      6 CCTACGCTGACA 17
Db      1 CCTACCTCTACA 12
```

```

RESULT 91
US-10-257-017B-319794
; Sequence 319794, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257, 017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 319794
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0029404
US-10-257-017B-319794
```

```

Query Match          31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```

QY      17 AGGAGTCCAGG 28
Db      1 AGGATTCGAGG 12
```

RESULT 92
US-10-257-017B-323347
; Sequence 323347, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 323347
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0031342
US-10-257-017B-323347

Query Match 31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 8 TACGTGTACAGG 19
|||
DB 1 TACGTGTAGGGG 12

RESULT 93
US-10-257-017B-326894/c
; Sequence 326894, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 326894
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0033327
US-10-257-017B-326894

Query Match 31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGAG 22
|||
DB 12 GTTATAGGAG 1

RESULT 94
US-10-257-017B-328296
; Sequence 328296, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine

; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/MO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 328296
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0034221
US-10-257-017B-328296

Query Match 31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGAGT 23
|||
DB 1 TGTAGAGAGT 12

RESULT 95
US-10-257-017B-337428
; Sequence 337428, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 337428
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0039870
US-10-257-017B-337428

Query Match 31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGAGT 23
|||
DB 1 TGTAGAGAGT 12

RESULT 96
US-10-257-017B-355917
; Sequence 355917, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 355917
; LENGTH: 12

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0049869
US-10-257-017B-355917
```

```
Query Match
Best Local Similarity 31.4%; Score 8.8; DB 1; Length 12;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 12 TGTACAGGAGT 23
      ||| |||||
Db 1 TGTGAGGAGT 12
```

```
RESULT 97
US-10-257-017B-359076/c
; Sequence 359076, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 359076
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0010484
US-10-257-017B-359076
```

```
Query Match
Best Local Similarity 31.4%; Score 8.8; DB 1; Length 12;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 11 GTGTACAGGAG 22
      ||| |||||
Db 12 GTGTATTGGAG 1
```

```
RESULT 98
US-10-257-017B-368695/c
; Sequence 368695, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 368695
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0057163
US-10-257-017B-368695
```

```
Query Match
Best Local Similarity 31.4%; Score 8.8; DB 1; Length 12;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 12 TGTACAGGAGT 23
      ||| |||||
Db 12 TGTAAAGGAGT 1
```

```
RESULT 99
US-10-257-017B-372616/c
; Sequence 372616, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 372616
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0059501
US-10-257-017B-372616
```

```
Query Match
Best Local Similarity 31.4%; Score 8.8; DB 1; Length 12;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 12 TGTACAGGAGT 23
      ||| |||||
Db 12 TGTATTAGAGT 1
```

```
RESULT 100
US-10-257-017B-378750
; Sequence 378750, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 378750
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0062918
US-10-257-017B-378750
```

```
Query Match
Best Local Similarity 31.4%; Score 8.8; DB 1; Length 12;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 12 TGTACAGGAGT 23
      ||| |||||
Db 1 TGTAAAGGAGT 12
```

```
RESULT 101
US-10-257-017B-5007/c
; Sequence 5007, Application US/10257017B
```

```

; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 5007
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0001738
US-10-257-017B-5007

```

```

Query Match          31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```
QY      5  CCTACGCTGTC 16
Db      12 CCTACGATTAC 1

```

```

RESULT 102
US-10-257-017B-5008
; Sequence 5008, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 5008
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0001738
US-10-257-017B-5008

```

```

Query Match          31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```
QY      5  CCTACGCTGTC 16
Db      2  CCTACGATTAC 13

```

```

RESULT 103
US-10-257-017B-11977
; Sequence 11977, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07

```

```

; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 11977
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0002871
US-10-257-017B-11977

```

```

Query Match          31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```
QY      17 AGGAGTCCAGG 28
Db      2  AGGAGTCTAGG 13

```

```

RESULT 104
US-10-257-017B-11978/C
; Sequence 11978, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 11978
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0002871
US-10-257-017B-11978

```

```

Query Match          31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```
QY      17 AGGAGTCCAGG 28
Db      12 AGGAGTCTAGG 1

```

```

RESULT 105
US-10-257-017B-25973/C
; Sequence 25973, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 25973
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0006663

```

US-10-257-017B-25973

Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6 CCTACGTGTACA 17
DB 12 CCTACGTGTAAA 1

RESULT 106

US-10-257-017B-25974
; Sequence 25974, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257, 017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 25974
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0006663
US-10-257-017B-25974

Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6 CCTACGTGTACA 17
DB 2 CCTACGTGTAAA 13

RESULT 107

US-10-257-017B-37731
; Sequence 37731, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257, 017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 37731
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0011735
US-10-257-017B-37731

Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 8 TACGTGTACAGG 19
DB 2 TATGTGTATAGG 13

RESULT 108

US-10-257-017B-37732/C
; Sequence 37732, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257, 017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 37732
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0011735
US-10-257-017B-37732

Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 8 TACGTGTACAGG 19
DB 12 TATGTGTATAGG 1

RESULT 109

US-10-257-017B-37737
; Sequence 37737, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257, 017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 37737
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0011735
US-10-257-017B-37737

Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 8 TACGTGTACAGG 19
DB 2 TACGTATATAGG 13

RESULT 110

US-10-257-017B-37738/C
; Sequence 37738, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin

```
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 37738
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0011735
US-10-257-017B-37738
```

```
Query Match          31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      8 TACGTGTACAGG 19
         |||||
Db       12 TACGTATATAGG 1
```

```
RESULT 111
US-10-257-017B-37741
; Sequence 37741, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 37741
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0011735
US-10-257-017B-37741
```

```
Query Match          31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      8 TACGTGTACAGG 19
         |||||
Db       2 TACGGGTATAGG 13
```

```
RESULT 112
US-10-257-017B-37742/c
; Sequence 37742, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 37742
```

```
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0011735
US-10-257-017B-37742
```

```
Query Match          31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      8 TACGTGTACAGG 19
         |||||
Db       12 TACGGGTATAGG 1
```

```
RESULT 113
US-10-257-017B-37821
; Sequence 37821, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 37821
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0011747
US-10-257-017B-37821
```

```
Query Match          31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      12 TGTACAGGAGGT 23
         |||||
Db       1 TTTAGAGGAGGT 12
```

```
RESULT 114
US-10-257-017B-37822/c
; Sequence 37822, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 37822
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0011747
US-10-257-017B-37822
```

```
Query Match          31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
```



```
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 12 TGTACAGGAGT 23
Db 13 TTTAGAGGGAGT 2

RESULT 115
US-10-257-017B-43407
; Sequence 43407, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 43407
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0012844
US-10-257-017B-43407

Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGAGT 23
Db 1 TGTAGAGGAGT 12

RESULT 116
US-10-257-017B-43408/c
; Sequence 43408, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 43408
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0012844
US-10-257-017B-43408

Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGAGT 23
Db 13 TGTAGAGGAGT 2

RESULT 117
US-10-257-017B-49821/c
```

```
; Sequence 49821, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 49821
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0014053
US-10-257-017B-49821

Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6 CCTACGGGTACA 17
Db 12 CATACGGGTACA 1

RESULT 118
US-10-257-017B-49822
; Sequence 49822, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 49822
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0014053
US-10-257-017B-49822

Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6 CCTACGGGTACA 17
Db 2 CATACGGGTACA 13

RESULT 119
US-10-257-017B-50885
; Sequence 50885, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
```

```

; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 50885
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0014248
US-10-257-017B-50885

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      12 TGTACAGGAGT 23
Db      1 TGTTTAGGGAGT 12

RESULT 120
US-10-257-017B-50886/C
; Sequence 50886, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 50886
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0014248
US-10-257-017B-50886

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      12 TGTACAGGAGT 23
Db      13 TGTTTAGGGAGT 2

RESULT 121
US-10-257-017B-56503/C
; Sequence 56503, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 56503
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

```

```

; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0015314
US-10-257-017B-56503

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5 CCTACGCTTAC 16
Db      13 CACTACGCTTAC 2

RESULT 122
US-10-257-017B-56504
; Sequence 56504, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 56504
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0015314
US-10-257-017B-56504

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5 CCTACGCTTAC 16
Db      1 CACTACGCTTAC 12

RESULT 123
US-10-257-017B-57889
; Sequence 57889, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 57889
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0015568
US-10-257-017B-57889

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      8 TACGCTACAGG 19

```



```
; SEQ ID NO 60716
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0016198
US-10-257-017B-60716
```

```
Query Match          31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
OY      11 GTGTACAGGAG 22
        |||||
DB      13 GTGTTAGGAG 2
```

```
RESULT 129
US-10-257-017B-60717
; Sequence 60717, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 60717
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0016198
US-10-257-017B-60717
```

```
Query Match          31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
OY      11 GTGTACAGGAG 22
        |||||
DB      1 GTGTTGGGAG 12
```

```
RESULT 130
US-10-257-017B-60718/c
; Sequence 60718, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 60718
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0016198
US-10-257-017B-60718
```

```
Query Match          31.4%; Score 8.8; DB 1; Length 13;
```

```
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
OY      11 GTGTACAGGAG 22
        |||||
DB      13 GTGTTGGGAG 2
```

```
RESULT 131
US-10-257-017B-62985
; Sequence 62985, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 62985
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0016657
US-10-257-017B-62985
```

```
Query Match          31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
OY      10 CGGTACAGGGA 21
        |||||
DB      1 CGGTAGAGGTA 12
```

```
RESULT 132
US-10-257-017B-62986/c
; Sequence 62986, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 62986
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0016657
US-10-257-017B-62986
```

```
Query Match          31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
OY      10 CGGTACAGGGA 21
        |||||
DB      13 CGGTAGAGGTA 2
```

```
RESULT 133
```

```

US-10-257-017B-62987
; Sequence 62987, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT FILING DATE: 2002-10-07
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 62987
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0016657
US-10-257-017B-62987

```

```

Query Match          31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY      10 CGGTACAGGGA 21
        |||||
Db      1 CGGTAAAGGTA 12

```

```

RESULT 134
US-10-257-017B-62988/C
; Sequence 62988, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257, 017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 62988
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0016657
US-10-257-017B-62988

```

```

Query Match          31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY      10 CGGTACAGGGA 21
        |||||
Db      13 CGGTAAAGGTA 2

```

```

RESULT 135
US-10-257-017B-64873
; Sequence 64873, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO

```

```

; CURRENT APPLICATION NUMBER: US/10/257, 017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 64873
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0017093
US-10-257-017B-64873

```

```

Query Match          31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY      11 GGTACAGGGAG 22
        |||||
Db      2 GGGTAAGGGAG 13

```

```

RESULT 136
US-10-257-017B-64874/C
; Sequence 64874, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257, 017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 64874
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0017093
US-10-257-017B-64874

```

```

Query Match          31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY      11 GGTACAGGGAG 22
        |||||
Db      12 GGGTAAGGGAG 1

```

```

RESULT 137
US-10-257-017B-64875
; Sequence 64875, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257, 017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 64875
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence

```

```

; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0017093
US-10-257-017B-64875

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      11 GTGTACAGGAG 22
DB      2 GGGTATAGGAG 13

RESULT 138
US-10-257-017B-64876/c
; Sequence 64876, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 64876
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0017093
US-10-257-017B-64876

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      11 GTGTACAGGAG 22
DB      12 GGGTATAGGAG 1

RESULT 139
US-10-257-017B-76153
; Sequence 76153, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 76153
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0019495
US-10-257-017B-76155

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      8 TACGTGTACAGG 19

```

```

DB      2 TGGGTGTAAGG 13

RESULT 140
US-10-257-017B-76154/c
; Sequence 76154, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 76154
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0019495
US-10-257-017B-76154

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      8 TACGTGTACAGG 19
DB      12 TGGGTGTAAGG 1

RESULT 141
US-10-257-017B-85943
; Sequence 85943, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 85943
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0021600
US-10-257-017B-85943

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      12 TGTACAGGAGT 23
DB      1 TGTAAAGGAGT 12

RESULT 142
US-10-257-017B-85944/c
; Sequence 85944, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek

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```
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 85944
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0021600
US-10-257-017B-85944

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      12 TGTACAGGAGT 23
Db      13 TGTAAAGGTGT 2

RESULT 143
US-10-257-017B-120033/C
; Sequence 120033, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 120033
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0029958
US-10-257-017B-120033

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      6 CCTACGTGTACA 17
Db      13 CCTACTTTTACA 2

RESULT 144
US-10-257-017B-120034
; Sequence 120034, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
```

```
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 120034
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0029958
US-10-257-017B-120034

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      6 CCTACGTGTACA 17
Db      1 CCTACTTTTACA 12

RESULT 145
US-10-257-017B-121567
; Sequence 121567, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 121567
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0030367
US-10-257-017B-121567

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      12 TGTACAGGAGT 23
Db      1 TGTATAGAGAGT 12

RESULT 146
US-10-257-017B-121568/C
; Sequence 121568, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 121568
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0030367
US-10-257-017B-121568
```

Query Match 31.4%; Score 8.8; DB 1; Length 13;
 Best Local Similarity 83.3%; Pred. No. 1.5e+02;
 Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGAGT 23
 |||||
 DB 13 TGTAAATGAGT 2

RESULT 147

US-10-257-017B-136725
 ; Sequence 136725, Application US/10257017B
 ; GENERAL INFORMATION:
 ; APPLICANT: Alexander Olek
 ; APPLICANT: Christian Piepenbrock
 ; APPLICANT: Kurt Berlin
 ; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
 ; FILE REFERENCE: E01/1193/WO
 ; CURRENT APPLICATION NUMBER: US/10/257,017B
 ; CURRENT FILING DATE: 2002-10-07
 ; PRIOR APPLICATION NUMBER: DE 10019173.8
 ; PRIOR FILING DATE: 2000-04-07
 ; NUMBER OF SEQ ID NOS: 382046
 ; SEQ ID NO 136725
 ; LENGTH: 13
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0034175
 US-10-257-017B-136725

Query Match 31.4%; Score 8.8; DB 1; Length 13;
 Best Local Similarity 83.3%; Pred. No. 1.5e+02;
 Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGAGT 23
 |||||
 DB 1 TGTAAATGAGT 12

RESULT 148

US-10-257-017B-136726/c
 ; Sequence 136726, Application US/10257017B
 ; GENERAL INFORMATION:
 ; APPLICANT: Alexander Olek
 ; APPLICANT: Christian Piepenbrock
 ; APPLICANT: Kurt Berlin
 ; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
 ; FILE REFERENCE: E01/1193/WO
 ; CURRENT APPLICATION NUMBER: US/10/257,017B
 ; CURRENT FILING DATE: 2002-10-07
 ; PRIOR APPLICATION NUMBER: DE 10019173.8
 ; PRIOR FILING DATE: 2000-04-07
 ; NUMBER OF SEQ ID NOS: 382046
 ; SEQ ID NO 136726
 ; LENGTH: 13
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0034175
 US-10-257-017B-136726

Query Match 31.4%; Score 8.8; DB 1; Length 13;
 Best Local Similarity 83.3%; Pred. No. 1.5e+02;
 Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGAGT 23
 |||||
 DB 13 TGTAAATGAGT 2

RESULT 149
 US-10-257-017B-136727
 ; Sequence 136727, Application US/10257017B
 ; GENERAL INFORMATION:
 ; APPLICANT: Alexander Olek
 ; APPLICANT: Christian Piepenbrock
 ; APPLICANT: Kurt Berlin
 ; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
 ; FILE REFERENCE: E01/1193/WO
 ; CURRENT APPLICATION NUMBER: US/10/257,017B
 ; CURRENT FILING DATE: 2002-10-07
 ; PRIOR APPLICATION NUMBER: DE 10019173.8
 ; PRIOR FILING DATE: 2000-04-07
 ; NUMBER OF SEQ ID NOS: 382046
 ; SEQ ID NO 136727
 ; LENGTH: 13
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0034175
 US-10-257-017B-136727

Query Match 31.4%; Score 8.8; DB 1; Length 13;
 Best Local Similarity 83.3%; Pred. No. 1.5e+02;
 Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGAGT 23
 |||||
 DB 1 TGTAAACGAGT 12

RESULT 150

US-10-257-017B-136728/c
 ; Sequence 136728, Application US/10257017B
 ; GENERAL INFORMATION:
 ; APPLICANT: Alexander Olek
 ; APPLICANT: Christian Piepenbrock
 ; APPLICANT: Kurt Berlin
 ; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
 ; FILE REFERENCE: E01/1193/WO
 ; CURRENT APPLICATION NUMBER: US/10/257,017B
 ; CURRENT FILING DATE: 2002-10-07
 ; PRIOR APPLICATION NUMBER: DE 10019173.8
 ; PRIOR FILING DATE: 2000-04-07
 ; NUMBER OF SEQ ID NOS: 382046
 ; SEQ ID NO 136728
 ; LENGTH: 13
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0034175
 US-10-257-017B-136728

Query Match 31.4%; Score 8.8; DB 1; Length 13;
 Best Local Similarity 83.3%; Pred. No. 1.5e+02;
 Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGAGT 23
 |||||
 DB 13 TGTAAACGAGT 2

RESULT 151

US-10-257-017B-140371/c
 ; Sequence 140371, Application US/10257017B
 ; GENERAL INFORMATION:
 ; APPLICANT: Alexander Olek
 ; APPLICANT: Christian Piepenbrock
 ; APPLICANT: Kurt Berlin
 ; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
 ; FILE REFERENCE: E01/1193/WO
 ; CURRENT APPLICATION NUMBER: US/10/257,017B
 ; CURRENT FILING DATE: 2002-10-07
 ; PRIOR APPLICATION NUMBER: DE 10019173.8
 ; PRIOR FILING DATE: 2000-04-07
 ; NUMBER OF SEQ ID NOS: 382046
 ; SEQ ID NO 140371
 ; LENGTH: 13
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0034175
 US-10-257-017B-140371


```
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257, 017B
CURRENT FILING DATE: 2002-10-07
PRIORITY APPLICATION NUMBER: DE 10019173.8
PRIORITY FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 140371
LENGTH: 13
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0035182
US-10-257-017B-140371

Query Match
Best Local Similarity 31.4%; Score 8.8; DB 1; Length 13;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 CCTACGCTGAC 16
DB 12 CCTACGCTATCC 1

RESULT 152
US-10-257-017B-140372
Sequence 140372, Application US/10257017B
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
FILE REFERENCE: E01/1193/WO
CURRENT FILING DATE: 2002-10-07
PRIORITY APPLICATION NUMBER: DE 10019173.8
PRIORITY FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 140372
LENGTH: 13
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0035182
US-10-257-017B-140372

Query Match
Best Local Similarity 31.4%; Score 8.8; DB 1; Length 13;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 CCTACGCTGAC 16
DB 2 CCTACGCTATCC 13

RESULT 153
US-10-257-017B-159319
Sequence 159319, Application US/10257017B
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
FILE REFERENCE: E01/1193/WO
CURRENT FILING DATE: 2002-10-07
PRIORITY APPLICATION NUMBER: DE 10019173.8
PRIORITY FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 159319
LENGTH: 13
TYPE: DNA
```

```
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0040109
US-10-257-017B-159319

Query Match
Best Local Similarity 31.4%; Score 8.8; DB 1; Length 13;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGAGT 23
DB 1 TTTATAGGAGT 12

RESULT 154
US-10-257-017B-159320/c
Sequence 159320, Application US/10257017B
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
FILE REFERENCE: E01/1193/WO
CURRENT FILING DATE: 2002-10-07
PRIORITY APPLICATION NUMBER: DE 10019173.8
PRIORITY FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 159320
LENGTH: 13
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0040109
US-10-257-017B-159320

Query Match
Best Local Similarity 31.4%; Score 8.8; DB 1; Length 13;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGAGT 23
DB 13 TTTATAGGAGT 2

RESULT 155
US-10-257-017B-160513
Sequence 160513, Application US/10257017B
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
FILE REFERENCE: E01/1193/WO
CURRENT FILING DATE: 2002-10-07
PRIORITY APPLICATION NUMBER: DE 10019173.8
PRIORITY FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 160513
LENGTH: 13
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0040412
US-10-257-017B-160513

Query Match
Best Local Similarity 31.4%; Score 8.8; DB 1; Length 13;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

QY 11 GTGTACAGGAG 22
|||||
DB 2 GTGTAAAGAG 13

RESULT 156
US-10-257-017B-160514/C
; Sequence 160514, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 160514
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0040412
US-10-257-017B-160514

Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGAG 22
|||||
DB 12 GTGTAAAGAG 1

RESULT 157
US-10-257-017B-160515
; Sequence 160515, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 160515
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0040412
US-10-257-017B-160515

Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGAG 22
|||||
DB 2 GTGTAAAGAG 13

RESULT 158
US-10-257-017B-160516/C
; Sequence 160516, Application US/10257017B
; GENERAL INFORMATION:

; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 160516
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0040412
US-10-257-017B-160516

Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGAG 22
|||||
DB 12 GTGTAAAGAG 1

RESULT 159
US-10-257-017B-174649/C
; Sequence 174649, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 174649
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0009116
US-10-257-017B-174649

Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 CCTACGTTAC 16
|||||
DB 13 CCTACGTTAAC 2

RESULT 160
US-10-257-017B-174650
; Sequence 174650, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8

```
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 174650
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0009116
US-10-257-017B-174650
```

```
Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      5 CCCTACGTGTAC 16
        |||||
Db      1 CCCTACGTAAAC 12
```

```
RESULT 161
US-10-257-017B-177237/c
; Sequence 177237, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257, 017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 177237
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0043944
US-10-257-017B-177237
```

```
Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      5 CCCTACGTGTAC 16
        |||||
Db      12 CCCTACGTCTTC 1
```

```
RESULT 162
US-10-257-017B-177238
; Sequence 177238, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257, 017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 177238
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0043944
US-10-257-017B-177238
```

```
Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      5 CCCTACGTGTAC 16
        |||||
Db      2 CCCTACGTCTTC 13
```

```
RESULT 163
US-10-257-017B-182915/c
; Sequence 182915, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257, 017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 182915
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0045193
US-10-257-017B-182915
```

```
Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      6 CCTACGTGTACA 17
        |||||
Db      13 CCTACATATACA 2
```

```
RESULT 164
US-10-257-017B-182916
; Sequence 182916, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257, 017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 182916
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0045193
US-10-257-017B-182916
```

```
Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      6 CCTACGTGTACA 17
        |||||
Db      1 CCTACATATACA 12
```

```
RESULT 165
US-10-257-017B-187821
; Sequence 187821, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 187821
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0001439
US-10-257-017B-187821

Query Match          31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      11 GTGTACAGGAG 22
        |||||
Db      2 GTGTTAGGAG 13

RESULT 166
US-10-257-017B-187822/c
; Sequence 187822, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 187822
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0001439
US-10-257-017B-187822

Query Match          31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      11 GTGTACAGGAG 22
        |||||
Db      12 GTGTTAGGAG 1

RESULT 167
US-10-257-017B-187823
; Sequence 187823, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine
```

```
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 187823
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0001439
US-10-257-017B-187823

Query Match          31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      11 GTGTACAGGAG 22
        |||||
Db      2 GTGTTAGGAG 13

RESULT 168
US-10-257-017B-187824/c
; Sequence 187824, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 187824
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0001439
US-10-257-017B-187824

Query Match          31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      11 GTGTACAGGAG 22
        |||||
Db      12 GTGTTAGGAG 1

RESULT 169
US-10-257-017B-187825
; Sequence 187825, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 187825
; LENGTH: 13
```

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0001439
US-10-257-017B-187825
```

```
Query Match          31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      11 GTGTACAGGAG 22
DB      2 GTGTACAGGAG 13
```

```
RESULT 170
US-10-257-017B-187826/c
; Sequence 187826, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 187826
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0001439
US-10-257-017B-187826
```

```
Query Match          31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      11 GTGTACAGGAG 22
DB      12 GTGTACAGGAG 1
```

```
RESULT 171
US-10-257-017B-189995
; Sequence 189995, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 189995
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0046736
US-10-257-017B-189995
```

```
Query Match          31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      12 TGTACAGGAGT 23
DB      1 TATATAGGAGT 12
```

```
RESULT 172
US-10-257-017B-189996/c
; Sequence 189996, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 189996
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0046736
US-10-257-017B-189996
```

```
Query Match          31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      12 TGTACAGGAGT 23
DB      13 TATATAGGAGT 2
```

```
RESULT 173
US-10-257-017B-191299
; Sequence 191299, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 191299
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0047061
US-10-257-017B-191299
```

```
Query Match          31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      12 TGTACAGGAGT 23
DB      2 TTTAAAGGAGT 13
```

```
RESULT 174
US-10-257-017B-191300/c
; Sequence 191300, Application US/10257017B
```

```

; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 191300
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0047061
US-10-257-017B-191300

```

```

Query Match          31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY 12 TGTCACGGGAGT 23
DB 12 TTTAAAGGGAGT 1

```

```

RESULT 175
US-10-257-017B-197833/c
; Sequence 197833, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 197833
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0048686
US-10-257-017B-197833

```

```

Query Match          31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY 5 CCTACGCTGCTAC 16
DB 12 CTCTACGCTCTAC 1

```

```

RESULT 176
US-10-257-017B-197834
; Sequence 197834, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07

```

```

; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 197834
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0048686
US-10-257-017B-197834

```

```

Query Match          31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY 5 CCTACGCTGCTAC 16
DB 2 CTCTACGCTCTAC 13

```

```

RESULT 177
US-10-257-017B-211971
; Sequence 211971, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 211971
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0051670
US-10-257-017B-211971

```

```

Query Match          31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY 11 GTGTACAGGGAG 22
DB 2 GTGTGCGGGGAG 13

```

```

RESULT 178
US-10-257-017B-211972/c
; Sequence 211972, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 211972
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0051670

```

US-10-257-017B-211972

Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGAG 22
Db 12 GTGTACGCGGAG 1

RESULT 179

US-10-257-017B-213907/c
; Sequence 213907, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 213907
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0052066
US-10-257-017B-213907

Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6 CCTACGTGTACA 17
Db 12 CCTACGTTTCCA 1

RESULT 180

US-10-257-017B-213908
; Sequence 213908, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 213908
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0052066
US-10-257-017B-213908

Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6 CCTACGTGTACA 17
Db 2 CCTACGTTTCCA 13

RESULT 181
US-10-257-017B-230545
; Sequence 230545, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 230545
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0056234
US-10-257-017B-230545

Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 8 TACGTGTACAG 19
Db 2 TACGTGTATATG 13

RESULT 182

US-10-257-017B-230546/c
; Sequence 230546, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 230546
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0056234
US-10-257-017B-230546

Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 8 TACGTGTACAG 19
Db 12 TACGTGTATATG 1

RESULT 183

US-10-257-017B-230559
; Sequence 230559, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 230559
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0056234
US-10-257-017B-230559

```

; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 230559
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0056234
US-10-257-017B-230559

Query Match          31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      8 TACGTGTACAG 19
Db      2 TACGTGTATAG 13

RESULT 184
US-10-257-017B-230560/c
; Sequence 230560, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 230560
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0056234
US-10-257-017B-230560

Query Match          31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      8 TACGTGTACAG 19
Db      12 TACGTGTATAG 1

RESULT 185
US-10-257-017B-235405
; Sequence 235405, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 235405

Query Match          31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      8 TACGTGTACAG 19
Db      12 TACGTGTATAG 1

RESULT 186
US-10-257-017B-235406/c
; Sequence 235406, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 235406
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0057464
US-10-257-017B-235406

Query Match          31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      12 TGTACAGGAGT 23
Db      13 TTTAAAGGAGT 2

RESULT 187
US-10-257-017B-237085/c
; Sequence 237085, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 237085
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0057833
US-10-257-017B-237085

Query Match          31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      12 TGTACAGGAGT 23
Db      13 TTTAAAGGAGT 2

```


Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6 CCTACGCTGACA 17
|||||
Db 12 CCTACGAATACA 1

RESULT 188
US-10-257-017B-237086
; Sequence 237086, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257, 017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 237086
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0057833
US-10-257-017B-237086

Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6 CCTACGCTGACA 17
|||||
Db 2 CCTACGAATACA 13

RESULT 189
US-10-257-017B-243755/c
; Sequence 243755, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257, 017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 243755
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0059467
US-10-257-017B-243755

Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 CCTACGCTGTAC 16
|||||
Db 13 CCTACGCTGTAC 2

RESULT 190
US-10-257-017B-243756

; Sequence 243756, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257, 017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 243756
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0059467
US-10-257-017B-243756

Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 CCTACGCTGTAC 16
|||||
Db 1 CCTACGCTGTAC 12

RESULT 191
US-10-257-017B-248397/c
; Sequence 248397, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257, 017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 248397
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0060697
US-10-257-017B-248397

Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 CCTACGCTGTAC 16
|||||
Db 13 CCTACGCTGTAC 2

RESULT 192
US-10-257-017B-248398
; Sequence 248398, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257, 017B

```
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 248398
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0060697
US-10-257-017B-248398

Query Match
Best Local Similarity 31.4%; Score 8.8; DB 1; Length 13;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

CY 5 CCTACGTGTAC 16
DB 1 CCTACGTAAAC 12

RESULT 193
US-10-257-017B-264039/c
; Sequence 264039, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 264039
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0005398
US-10-257-017B-264039

Query Match
Best Local Similarity 31.4%; Score 8.8; DB 1; Length 13;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

CY 6 CCTACGTGTAC 17
DB 12 CCTACGTAAAC 1

RESULT 194
US-10-257-017B-264040
; Sequence 264040, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 264040
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

```
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0005398
US-10-257-017B-264040

Query Match
Best Local Similarity 31.4%; Score 8.8; DB 1; Length 13;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

CY 6 CCTACGTGTAC 17
DB 2 CCTACGTAAAC 13

RESULT 195
US-10-257-017B-265541
; Sequence 265541, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 265541
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0064360
US-10-257-017B-265541

Query Match
Best Local Similarity 31.4%; Score 8.8; DB 1; Length 13;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

CY 8 TACGTGTACAG 19
DB 2 TACGTGTATAG 13

RESULT 196
US-10-257-017B-265542/c
; Sequence 265542, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 265542
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0064360
US-10-257-017B-265542

Query Match
Best Local Similarity 31.4%; Score 8.8; DB 1; Length 13;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

CY 8 TACGTGTACAG 19
```

Db 12 TATGTGTATAGG 1

RESULT 197

US-10-708-951-18896/c

Sequence 18896, Application US/10708951

GENERAL INFORMATION:

APPLICANT: ROSETTA GENOMICS LTD

TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL

TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF

FILE REFERENCE: 55034

CURRENT APPLICATION NUMBER: US/10/708,951

CURRENT FILING DATE: 2004-04-02

NUMBER OF SEQ ID NOS: 59824

SOFTWARE: PatentIn version 3.2

SEQ ID NO 18896

LENGTH: 13

TYPE: RNA

ORGANISM: Homo sapiens

US-10-708-951-18896

Query Match 31.4%; Score 8.8; DB 1; Length 13;

Best Local Similarity 83.3%; Pred. No. 1.5e+02;

Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TTGACAGGAGT 23

Db 12 TTGACAGTAACT 1

RESULT 198

US-10-708-951-20084/c

Sequence 20084, Application US/10708951

GENERAL INFORMATION:

APPLICANT: ROSETTA GENOMICS LTD

TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL

TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF

FILE REFERENCE: 55034

CURRENT APPLICATION NUMBER: US/10/708,951

CURRENT FILING DATE: 2004-04-02

NUMBER OF SEQ ID NOS: 59824

SOFTWARE: PatentIn version 3.2

SEQ ID NO 20084

LENGTH: 13

TYPE: RNA

ORGANISM: Homo sapiens

US-10-708-951-20084

Query Match 31.4%; Score 8.8; DB 1; Length 13;

Best Local Similarity 83.3%; Pred. No. 1.5e+02;

Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 13 GTACAGGAGTC 24

Db 13 GTACAGTAACT 2

RESULT 199

US-10-708-951-46287/c

Sequence 46287, Application US/10708951

GENERAL INFORMATION:

APPLICANT: ROSETTA GENOMICS LTD

TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL

TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF

FILE REFERENCE: 55034

CURRENT APPLICATION NUMBER: US/10/708,951

CURRENT FILING DATE: 2004-04-02

NUMBER OF SEQ ID NOS: 59824

SOFTWARE: PatentIn version 3.2

SEQ ID NO 46287

LENGTH: 13

TYPE: RNA

ORGANISM: Homo sapiens

US-10-708-951-46287

Query Match 31.4%; Score 8.8; DB 1; Length 13;

Best Local Similarity 83.3%; Pred. No. 1.5e+02;

Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 13 GTACAGGAGTC 24

Db 13 GTACAGTAACT 2

RESULT 200

US-10-708-951-47407/c

Sequence 47407, Application US/10708951

GENERAL INFORMATION:

APPLICANT: ROSETTA GENOMICS LTD

TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIA

TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF

FILE REFERENCE: 55034

CURRENT APPLICATION NUMBER: US/10/708,951

CURRENT FILING DATE: 2004-04-02

NUMBER OF SEQ ID NOS: 59824

SOFTWARE: PatentIn version 3.2

SEQ ID NO 47407

LENGTH: 13

TYPE: RNA

ORGANISM: Homo sapiens

US-10-708-951-47407

Query Match 31.4%; Score 8.8; DB 1; Length 13;

Best Local Similarity 83.3%; Pred. No. 1.5e+02;

Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TTGACAGGAGT 23

Db 12 TTGACAGTAACT 1

RESULT 201

US-10-257-017B-1623/c

Sequence 1623, Application US/10257017B

GENERAL INFORMATION:

APPLICANT: Alexander Olek

APPLICANT: Christian Piepenbrock

TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine

TITLE OF INVENTION: methyations

FILE REFERENCE: E01/1193/WO

CURRENT APPLICATION NUMBER: US/10/257,017B

CURRENT FILING DATE: 2002-10-07

PRIOR APPLICATION NUMBER: DE 10019173.8

PRIOR FILING DATE: 2000-04-07

NUMBER OF SEQ ID NOS: 382046

SEQ ID NO 1623

LENGTH: 13

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0000588

US-10-257-017B-1623

Query Match 30.7%; Score 8.6; DB 1; Length 13;

Best Local Similarity 88.9%; Pred. No. 1.7e+02;

Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 4 GCCCTACGT 12

Db 13 RCCCTACGT 5

RESULT 202

US-10-257-017B-1624

Sequence 1624, Application US/10257017B

```
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 1624
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0000588
US-10-257-017B-1624
```

```
Query Match          30.7%; Score 8.6; DB 1; Length 13;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      4 GCCCTACGT 12
      : |||||
      1 RCCCTACGT 9
```

```
RESULT 203
US-10-257-017B-9229
; Sequence 9229, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 9229
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0002450
US-10-257-017B-9229
```

```
Query Match          30.7%; Score 8.6; DB 1; Length 13;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      8 TACGTGTAC 16
      : |||||
      5 TACGTGTAT 13
```

```
RESULT 204
US-10-257-017B-9230/c
; Sequence 9230, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
```

```
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 9230
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0002450
US-10-257-017B-9230
```

```
Query Match          30.7%; Score 8.6; DB 1; Length 13;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      8 TACGTGTAC 16
      : |||||
      9 TACGTGTAT 1
```

```
RESULT 205
US-10-257-017B-35501/c
; Sequence 35501, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 35501
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0011237
US-10-257-017B-35501
```

```
Query Match          30.7%; Score 8.6; DB 1; Length 13;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      4 GCCCTACGT 12
      : |||||
      13 RCCCTACGT 5
```

```
RESULT 206
US-10-257-017B-35502
; Sequence 35502, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 35502
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0011237
```

US-10-257-017B-35502

Query Match 30.7%; Score 8.6; DB 1; Length 13;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 4 GCCCTACGT 12
: |||||
Db 1 RCCCTACGT 9

RESULT 207
US-10-257-017B-61881
; Sequence 61881, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257, 017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 61881
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0016441
US-10-257-017B-61881

Query Match 30.7%; Score 8.6; DB 1; Length 13;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 8 TACGTGTAC 16
: |||||
Db 5 TACGTGTAT 13

RESULT 208
US-10-257-017B-61882/c
; Sequence 61882, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257, 017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 61882
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0016441
US-10-257-017B-61882

Query Match 30.7%; Score 8.6; DB 1; Length 13;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 8 TACGTGTAC 16
: |||||
Db 9 TACGTGTAT 1

RESULT 209
US-10-257-017B-120733/c
; Sequence 120733, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257, 017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 120733
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0030127
US-10-257-017B-120733

Query Match 30.7%; Score 8.6; DB 1; Length 13;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 4 GCCCTACGT 12
: |||||
Db 13 RCCCTACGT 5

RESULT 210
US-10-257-017B-120734
; Sequence 120734, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257, 017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 120734
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0030127
US-10-257-017B-120734

Query Match 30.7%; Score 8.6; DB 1; Length 13;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 4 GCCCTACGT 12
: |||||
Db 1 RCCCTACGT 9

RESULT 211
US-10-257-017B-127731/c
; Sequence 127731, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin

```

; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 127731
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0031982
US-10-257-017B-127731

Query Match
Best Local Similarity 30.7%; Score 8.6; DB 1; Length 13;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 4 GCCCTACGT 12
Db 13 RCCCTACGT 5

RESULT 212
US-10-257-017B-127732
; Sequence 127732, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 127732
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0031982
US-10-257-017B-127732

Query Match
Best Local Similarity 30.7%; Score 8.6; DB 1; Length 13;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 4 GCCCTACGT 12
Db 13 RCCCTACGT 9

RESULT 213
US-10-257-017B-184327/c
; Sequence 184327, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 184327
```

```

; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0045489
US-10-257-017B-184327

Query Match
Best Local Similarity 30.7%; Score 8.6; DB 1; Length 13;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 4 GCCCTACGT 12
Db 13 RCCCTACGT 5

RESULT 214
US-10-257-017B-184328
; Sequence 184328, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 184328
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0045489
US-10-257-017B-184328

Query Match
Best Local Similarity 30.7%; Score 8.6; DB 1; Length 13;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 4 GCCCTACGT 12
Db 13 RCCCTACGT 9

RESULT 215
US-10-257-017B-195259
; Sequence 195259, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 195259
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0048038
US-10-257-017B-195259

Query Match
Best Local Similarity 30.7%; Score 8.6; DB 1; Length 13;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
```

```
Matches      8; Conservative      1; Mismatches      0; Indels      0; Gaps      0;

QY      8 TACGTGTAC 16
      |||||:
Db      5 TACGTGTAY 13

RESULT 216
US-10-257-017B-195260/c
; Sequence 195260, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 195260
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0048038
US-10-257-017B-195260

Query Match      30.7%; Score 8.6; DB 1; Length 13;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches      8; Conservative      1; Mismatches      0; Indels      0; Gaps      0;

QY      8 TACGTGTAC 16
      |||||:
Db      9 TACGTGTAY 1

RESULT 217
US-10-257-017B-201249
; Sequence 201249, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 201249
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0049513
US-10-257-017B-201249

Query Match      30.7%; Score 8.6; DB 1; Length 13;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches      8; Conservative      1; Mismatches      0; Indels      0; Gaps      0;

QY      8 TACGTGTAC 16
      |||||:
Db      5 TACGTGTAY 13

RESULT 218
US-10-257-017B-201250/c

; Sequence 201250, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 201250
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0049513
US-10-257-017B-201250

Query Match      30.7%; Score 8.6; DB 1; Length 13;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches      8; Conservative      1; Mismatches      0; Indels      0; Gaps      0;

QY      8 TACGTGTAC 16
      |||||:
Db      9 TACGTGTAY 1

RESULT 219
US-10-257-017B-264339
; Sequence 264339, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 264339
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0064059
US-10-257-017B-264339

Query Match      30.7%; Score 8.6; DB 1; Length 13;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches      8; Conservative      1; Mismatches      0; Indels      0; Gaps      0;

QY      8 TACGTGTAC 16
      |||||:
Db      5 TACGTGTAY 13

RESULT 220
US-10-257-017B-264340/c
; Sequence 264340, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
```

```
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 264340
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0064059
US-10-257-017B-264340
```

```
Query Match          30.7%; Score 8.6; DB 1; Length 13;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 8 GTACGTAC 16
Db 9 TACGTGTAT 1
```

```
RESULT 221
PCT-US03-25614-123/c
; Sequence 123, Application PC/TUS0325614
; GENERAL INFORMATION:
; APPLICANT: Genzyme Corporation
; TITLE OF INVENTION: BRAIN ENDOTHELIAL EXPRESSION PATTERNS
; FILE REFERENCE: 003482.00010
; CURRENT APPLICATION NUMBER: PCT/US03/25614
; CURRENT FILING DATE: 2003-08-15
; PRIOR APPLICATION NUMBER: US 60/403,390
; PRIOR FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: US 60/458,978
; PRIOR FILING DATE: 2003-04-01
; NUMBER OF SEQ ID NOS: 869
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 123
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
PCT-US03-25614-123
```

```
Query Match          30.0%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 99;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 13 GTACAGGGAG 22
Db 10 GTACAGGGTG 1
```

```
RESULT 222
PCT-US03-25614-220/c
; Sequence 220, Application PC/TUS0325614
; GENERAL INFORMATION:
; APPLICANT: Genzyme Corporation
; TITLE OF INVENTION: BRAIN ENDOTHELIAL EXPRESSION PATTERNS
; FILE REFERENCE: 003482.00010
; CURRENT APPLICATION NUMBER: PCT/US03/25614
; CURRENT FILING DATE: 2003-08-15
; PRIOR APPLICATION NUMBER: US 60/403,390
; PRIOR FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: US 60/458,978
; PRIOR FILING DATE: 2003-04-01
; NUMBER OF SEQ ID NOS: 869
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 220
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
PCT-US03-25614-220
```

```
Query Match          30.0%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 99;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 16 CAGGAGTCC 25
Db 10 CAGGAGCCC 1
```

```
RESULT 223
PCT-US03-25614-560/c
; Sequence 560, Application PC/TUS0325614
; GENERAL INFORMATION:
; APPLICANT: Genzyme Corporation
; TITLE OF INVENTION: BRAIN ENDOTHELIAL EXPRESSION PATTERNS
; FILE REFERENCE: 003482.00010
; CURRENT APPLICATION NUMBER: PCT/US03/25614
; CURRENT FILING DATE: 2003-08-15
; PRIOR APPLICATION NUMBER: US 60/403,390
; PRIOR FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: US 60/458,978
; PRIOR FILING DATE: 2003-04-01
; NUMBER OF SEQ ID NOS: 869
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 560
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
PCT-US03-25614-560
```

```
Query Match          30.0%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 99;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 13 GTACAGGGAG 22
Db 10 GTACAGGGTG 1
```

```
RESULT 224
PCT-US03-25614-776/c
; Sequence 776, Application PC/TUS0325614
; GENERAL INFORMATION:
; APPLICANT: Genzyme Corporation
; TITLE OF INVENTION: BRAIN ENDOTHELIAL EXPRESSION PATTERNS
; FILE REFERENCE: 003482.00010
; CURRENT APPLICATION NUMBER: PCT/US03/25614
; CURRENT FILING DATE: 2003-08-15
; PRIOR APPLICATION NUMBER: US 60/403,390
; PRIOR FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: US 60/458,978
; PRIOR FILING DATE: 2003-04-01
; NUMBER OF SEQ ID NOS: 869
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 776
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
PCT-US03-25614-776
```

```
Query Match          30.0%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 99;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 13 GTACAGGGAG 22
Db 10 GTACAGGGTG 1
```

```
RESULT 225
```



```
US-10-708-951-31338/c
; Sequence 31338, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 31338
; LENGTH: 11
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-31338

Query Match
  Query Match Similarity 30.0%; Score 8.4; DB 1; Length 11;
  Best Local Similarity 90.0%; Pred. No. 1.3e+02;
  Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 19 GGAGTCCAGG 28
DB 11 GGAGTACAGG 2

RESULT 226
US-10-708-951-49226/c
; Sequence 49226, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 49226
; LENGTH: 11
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-49226

Query Match
  Query Match Similarity 30.0%; Score 8.4; DB 1; Length 11;
  Best Local Similarity 90.0%; Pred. No. 1.3e+02;
  Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 19 GGAGTCCAGG 28
DB 11 GGAGTACAGG 2

RESULT 227
US-10-451-323-4/c
; Sequence 4, Application US/10451323
; GENERAL INFORMATION:
; APPLICANT: MARCHEL, GILLES
; APPLICANT: ROMAIN, FELIX
; APPLICANT: PESCHER, PASCALE
; TITLE OF INVENTION: IMMUNOGENIC GLYCOPOLYMERIDES, SCREENING, PREPARATION AND USES
; FILE REFERENCE: 238218US00CT
; CURRENT APPLICATION NUMBER: US/10/451,323
; CURRENT FILING DATE: 2004-01-20
; PRIOR APPLICATION NUMBER: PCT/FR01/04100
; PRIOR FILING DATE: 2001-12-20
; PRIOR APPLICATION NUMBER: FR 00/16808
; PRIOR FILING DATE: 2000-12-21
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 12
; TYPE: DNA

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA
US-10-451-323-4

Query Match
  Query Match Similarity 30.0%; Score 8.4; DB 1; Length 12;
  Best Local Similarity 90.0%; Pred. No. 1.6e+02;
  Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3 GGCCCTACGT 12
DB 12 GGCCCAAGT 3

RESULT 228
US-10-257-017B-271313/c
; Sequence 271313, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 271313
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0002462
US-10-257-017B-271313

Query Match
  Query Match Similarity 30.0%; Score 8.4; DB 1; Length 12;
  Best Local Similarity 90.0%; Pred. No. 1.6e+02;
  Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 14 TACAGGAGT 23
DB 11 TAAAGGAGT 2

RESULT 229
US-10-257-017B-273943
; Sequence 273943, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 273943
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0003372
US-10-257-017B-273943

Query Match
  Query Match Similarity 30.0%; Score 8.4; DB 1; Length 12;
  Best Local Similarity 90.0%; Pred. No. 1.6e+02;
  Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      14 TACAGGAGT 23
      |||||
Db      2 TAGAGGAGT 11

RESULT 230
US-10-257-017B-274507/c
; Sequence 274507, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: US/10/257, 017B
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 274507
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0003575
US-10-257-017B-274507

Query Match      30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      12 TGTACAGGA 21
      |||||
Db      10 TGTAGAGGA 1

RESULT 231
US-10-257-017B-276567
; Sequence 276567, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: US/10/257, 017B
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 276567
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0004226
US-10-257-017B-276567

Query Match      30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      14 TACAGGAGT 23
      |||||
Db      2 TATAGGAGT 11

RESULT 232
US-10-257-017B-279172/c
; Sequence 279172, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: US/10/257, 017B
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 279172
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0007003
US-10-257-017B-279172

Query Match      30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      12 TGTACAGGA 21
      |||||
Db      12 TGTATAGGA 3

RESULT 233
US-10-257-017B-285333/c
; Sequence 285333, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: US/10/257, 017B
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 285333
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0012245
US-10-257-017B-285333

Query Match      30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      8 TACGTATACA 17
      |||||
Db      12 TACGTATACA 3

RESULT 234
US-10-257-017B-285335/c
; Sequence 285335, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: US/10/257, 017B
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 285335
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0012245
US-10-257-017B-285335
```

```
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 285335
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0012245
US-10-257-017B-285335

Query Match
Best Local Similarity 30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 8 TACGTGTACA 17
Do 11 TACGTGTATA 2

RESULT 235
US-10-257-017B-287299/c
; Sequence 287299, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 287299
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0012245
US-10-257-017B-287299

Query Match
Best Local Similarity 30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6 CCTAGCTGTA 15
Do 12 CCTAGCTATA 3

RESULT 236
US-10-257-017B-294716/c
; Sequence 294716, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 294716
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0016238
US-10-257-017B-294716

Query Match
Best Local Similarity 30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 14 TACAGGAGCT 23
Do 1 TAGAGGAGCT 10

RESULT 237
US-10-257-017B-298127
; Sequence 298127, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 298127
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0017923
US-10-257-017B-298127

Query Match
Best Local Similarity 30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 12 TGTAAGGGA 21
Do 3 TGTAAGGGA 12

RESULT 238
US-10-257-017B-306328
; Sequence 306328, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 306328
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0021949
US-10-257-017B-306328

Query Match
Best Local Similarity 30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
RESULT 239
US-10-257-017B-306922/c
; Sequence 306922, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 306922
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0022248
US-10-257-017B-306922
```

```
Query Match          30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      13 GTACAGGAG 22
Db      10 GTATAGGAG 1
```

```
RESULT 240
US-10-257-017B-307001/c
; Sequence 307001, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 307001
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0022291
US-10-257-017B-307001
```

```
Query Match          30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      11 GTGTACAGG 20
Db      10 GTGTAGAGG 1
```

```
RESULT 241
US-10-257-017B-310678
; Sequence 310678, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine
```

```
; FILE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 310678
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0024049
US-10-257-017B-310678
```

```
Query Match          30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      6 CCTACGCGTA 15
Db      2 CCTACCGCTA 11
```

```
RESULT 242
US-10-257-017B-316249
; Sequence 316249, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 316249
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0027355
US-10-257-017B-316249
```

```
Query Match          30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      14 TACAGGAGGT 23
Db      2 TATAGGAGGT 11
```

```
RESULT 243
US-10-257-017B-322664
; Sequence 322664, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 322664
; LENGTH: 12
```

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0030993
US-10-257-017B-322664

Query Match      30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      14 TACAGGAGT 23
DB      1 TAAAGGAGT 10

RESULT 244
US-10-257-017B-322883
; Sequence 322883, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methyations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 322883
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0031094
US-10-257-017B-322883

Query Match      30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      13 GTACAGGAG 22
DB      2 GTAGAGGAG 11

RESULT 245
US-10-257-017B-324364
; Sequence 324364, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methyations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 324364
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0031975
US-10-257-017B-324364

Query Match      30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      13 GTACAGGAG 22
DB      1 GTACGAGGAG 10

RESULT 246
US-10-257-017B-325195
; Sequence 325195, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methyations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 325195
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0032450
US-10-257-017B-325195

Query Match      30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      14 TACAGGAGT 23
DB      1 TAGAGGAGT 10

RESULT 247
US-10-257-017B-325781/C
; Sequence 325781, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methyations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 325781
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0032711
US-10-257-017B-325781

Query Match      30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      12 TGTACAGGGA 21
DB      10 TGTATAGGGA 1

RESULT 248
US-10-257-017B-330044
; Sequence 330044, Application US/10257017B
```

```
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 330044
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0035293
US-10-257-017B-330044
```

```
Query Match          30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 12 TGTACAGGCA 21
DB 3 TGTACAGGCA 12
```

```
RESULT 249
US-10-257-017B-335793
; Sequence 335793, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 335793
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0039015
US-10-257-017B-335793
```

```
Query Match          30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 12 TGTACAGGCA 21
DB 1 TGTACAGGCA 10
```

```
RESULT 250
US-10-257-017B-337211
; Sequence 337211, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
```

```
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 337211
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0039735
US-10-257-017B-337211
```

```
Query Match          30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 8 TACGTGTACA 17
DB 3 TACGTGTATA 12
```

```
RESULT 251
US-10-257-017B-351656/c
; Sequence 351656, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 351656
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0047427
US-10-257-017B-351656
```

```
Query Match          30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 10 CGTGTACAGG 19
DB 12 CGTGTAAAGG 3
```

```
RESULT 252
US-10-257-017B-363481
; Sequence 363481, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 363481
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0053879
```

US-10-257-017B-363481

Query Match 30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 11 GTGTACAGGG 20
Db 1 GTGTAAAGG 10

RESULT 253

US-10-257-017B-365099/c
; Sequence 365099, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257, 017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 365099
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0054913
US-10-257-017B-365099

Query Match 30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 8 TACGTGTACA 17
Db 12 TACGTGTATA 3

RESULT 254

US-10-257-017B-365773
; Sequence 365773, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257, 017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 365773
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0055324
US-10-257-017B-365773

Query Match 30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 12 TGTACAGGGA 21
Db 3 TGTATAGGGA 12

RESULT 255
US-10-257-017B-377335/c
; Sequence 377335, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257, 017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 377335
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0062277
US-10-257-017B-377335

Query Match 30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 13 GTACAGGAGG 22
Db 11 GTACAGGAGG 2

RESULT 256

US-10-708-951-22469
; Sequence 22469, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708, 951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 22469
; LENGTH: 12
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-22469

Query Match 30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 16 CAGGAGGCC 25
Db 3 CAGGAGGCC 12

RESULT 257

US-10-708-951-31339/c
; Sequence 31339, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708, 951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2

SEQ ID NO 31339
LENGTH: 12
TYPE: RNA
ORGANISM: Homo sapiens
US-10-708-951-31339

Query Match 30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 19 GGAGTCCAGC 28
|||||
Db 11 GGAGTACAGC 2

RESULT 258
US-10-708-951-47233
; Sequence 47233, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 47233
; LENGTH: 12
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-47233

Query Match 30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 16 CAGGAGTCC 25
|||||
Db 3 CAGGAGGCC 12

RESULT 259
US-10-708-951-49227/c
; Sequence 49227, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 49227
; LENGTH: 12
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-49227

Query Match 30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 19 GGAGTCCAGC 28
|||||
Db 11 GGAGTACAGC 2

RESULT 260
PCT-US03-25614-246/c
; Sequence 246, Application PC/TUS0325614
; GENERAL INFORMATION:

APPLICANT: Genzyme Corporation
; APPLICANT: The Johns Hopkins University
; TITLE OF INVENTION: BRAIN ENDOTHELIAL EXPRESSION PATTERNS
; FILE REFERENCE: 003482.00010
; CURRENT APPLICATION NUMBER: PCT/US03/25614
; CURRENT FILING DATE: 2003-08-15
; PRIOR APPLICATION NUMBER: US 60/403,390
; PRIOR FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: US 60/458,978
; PRIOR FILING DATE: 2003-04-01
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 246
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
PCT-US03-25614-246

Query Match 28.6%; Score 8; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 21 AGTCCAGC 28
|||||
Db 10 AGTCCAGC 3

RESULT 261
US-10-257-017B-270228
; Sequence 270228, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosol
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 270228
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0002052
US-10-257-017B-270228

Query Match 28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 TACGTGTA 15
|||||
Db 2 TACGTGTA 9

RESULT 262
US-10-257-017B-273565
; Sequence 273565, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosol
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07


```
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 273565
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC003234
US-10-257-017B-273565
```

```
Query Match          28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches      8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      8 TACGTGTA 15
        |||||
Db       3 TACGTGTA 10
```

```
RESULT 263
US-10-257-017B-276700
; Sequence 276700, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 276700
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC004266
US-10-257-017B-276700
```

```
Query Match          28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches      8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      8 TACGTGTA 15
        |||||
Db       3 TACGTGTA 10
```

```
RESULT 264
US-10-257-017B-281698
; Sequence 281698, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 281698
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0010001
US-10-257-017B-281698
```

```
Query Match          28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches      8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      8 TACGTGTA 15
        |||||
Db       5 TACGTGTA 12
```

```
RESULT 265
US-10-257-017B-285822/c
; Sequence 285822, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 285822
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0012462
US-10-257-017B-285822
```

```
Query Match          28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches      8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      8 TACGTGTA 15
        |||||
Db       10 TACGTGTA 3
```

```
RESULT 266
US-10-257-017B-286347
; Sequence 286347, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 286347
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0012678
US-10-257-017B-286347
```

```
Query Match          28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches      8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      17 AGGAGTC 24
        |||||
Db       5 AGGAGTC 12
```

```
RESULT 267
US-10-257-017B-289277
; Sequence 289277, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257, 017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 289277
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0013867
US-10-257-017B-289277
```

```
Query Match      28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      8 TACGTGTA 15
        |||||
Db       3 TACGTGTA 10

RESULT 268
US-10-257-017B-292479/c
; Sequence 292479, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257, 017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 292479
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0015230
US-10-257-017B-292479
```

```
Query Match      28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      4 GCCCTACG 11
        |||||
Db       10 GCCCTACG 3

RESULT 269
US-10-257-017B-293614/c
; Sequence 293614, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257, 017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 293614
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0015707
US-10-257-017B-293614
```

```
FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257, 017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 293614
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0015707
US-10-257-017B-293614
```

```
Query Match      28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      8 TACGTGTA 15
        |||||
Db       12 TACGTGTA 5
```

```
RESULT 270
US-10-257-017B-295535/c
; Sequence 295535, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257, 017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 295535
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0016627
US-10-257-017B-295535
```

```
Query Match      28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      5 CCCTACGT 12
        |||||
Db       8 CCCTACGT 1
```

```
RESULT 271
US-10-257-017B-295537
; Sequence 295537, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257, 017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 295537
; LENGTH: 12
; TYPE: DNA
```

```
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0016628
US-10-257-017B-295537
```

```
Query Match
Best Local Similarity 28.6%; Score 8; DB 1; Length 12;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 5 CCCTAGCT 12
Db 5 CCCTAGCT 12
```

```
RESULT 272
US-10-257-017B-297053/c
Sequence 297053, Application US/10257017B
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 297053
LENGTH: 12
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0017414
US-10-257-017B-297053
```

```
Query Match
Best Local Similarity 28.6%; Score 8; DB 1; Length 12;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 5 CCCTAGCT 12
Db 10 CCCTAGCT 3
```

```
RESULT 273
US-10-257-017B-306721/c
Sequence 306721, Application US/10257017B
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 306721
LENGTH: 12
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0022148
US-10-257-017B-306721
```

```
Query Match
Best Local Similarity 28.6%; Score 8; DB 1; Length 12;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 8 TACGTGTA 15
Db 8 TACGTGTA 1
```

```
RESULT 274
US-10-257-017B-310676/c
Sequence 310676, Application US/10257017B
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 310676
LENGTH: 12
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0024049
US-10-257-017B-310676
```

```
Query Match
Best Local Similarity 28.6%; Score 8; DB 1; Length 12;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 8 TACGTGTA 15
Db 11 TACGTGTA 4
```

```
RESULT 275
US-10-257-017B-313383
Sequence 313383, Application US/10257017B
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 313383
LENGTH: 12
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0025713
US-10-257-017B-313383
```

```
Query Match
Best Local Similarity 28.6%; Score 8; DB 1; Length 12;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 5 CCCTAGCT 12
Db 5 CCCTAGCT 12
```

```
RESULT 276
US-10-257-017B-313957
Sequence 313957, Application US/10257017B
GENERAL INFORMATION:
```

```
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
PRIORITY FILING DATE: 2002-10-07
PRIORITY FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 313957
LENGTH: 12
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0026047
US-10-257-017B-313957
```

```
Query Match      28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      8 TACGGTGA 15
        |||||
Db       2 TACGGTGA 9
```

```
RESULT 277
US-10-257-017B-313961
Sequence 313961, Application US/10257017B
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
PRIORITY FILING DATE: 2002-10-07
PRIORITY FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 313961
LENGTH: 12
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0026047
US-10-257-017B-313961
```

```
Query Match      28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      8 TACGGTGA 15
        |||||
Db       2 TACGGTGA 9
```

```
RESULT 278
US-10-257-017B-316186
Sequence 316186, Application US/10257017B
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
PRIORITY FILING DATE: 2002-10-07
PRIORITY FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 313957
LENGTH: 12
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0026047
US-10-257-017B-313957
```

```
PRIORITY FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 316186
LENGTH: 12
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0027326
US-10-257-017B-316186
```

```
Query Match      28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      17 AGGGAGTC 24
        |||||
Db       5 AGGGAGTC 12
```

```
RESULT 279
US-10-257-017B-328918/c
Sequence 328918, Application US/10257017B
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
PRIORITY FILING DATE: 2002-10-07
PRIORITY FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 328918
LENGTH: 12
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0034654
US-10-257-017B-328918
```

```
Query Match      28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      17 AGGGAGTC 24
        |||||
Db       11 AGGGAGTC 4
```

```
RESULT 280
US-10-257-017B-356331
Sequence 356331, Application US/10257017B
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
PRIORITY FILING DATE: 2002-10-07
PRIORITY FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 356331
LENGTH: 12
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0050060
US-10-257-017B-356331
```

Query Match 28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 TACGTGTA 15
| | | | | | | |
DB 1 TACGTGTA 8

RESULT 281
US-10-257-017B-356333
; Sequence 356333, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 356333
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0050060
US-10-257-017B-356333

Query Match 28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 TACGTGTA 15
| | | | | | | |
DB 1 TACGTGTA 8

RESULT 282
US-10-257-017B-356623/C
; Sequence 356623, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 356623
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0050224
US-10-257-017B-356623

Query Match 28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 TACGTGTA 15
| | | | | | | |
DB 11 TACGTGTA 4

RESULT 283
US-10-257-017B-359372/C
; Sequence 359372, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 359372
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0051583
US-10-257-017B-359372

Query Match 28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 TACGTGTA 15
| | | | | | | |
DB 9 TACGTGTA 2

RESULT 284
US-10-257-017B-362461
; Sequence 362461, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 362461
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0053239
US-10-257-017B-362461

Query Match 28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 TACGTGTA 15
| | | | | | | |
DB 4 TACGTGTA 11

RESULT 285
US-10-257-017B-363232
; Sequence 363232, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine

```
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 363232
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0053719
US-10-257-017B-363232

Query Match
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 8 TACGTGTA 15
Db 3 TACGTGTA 10

RESULT 286
US-10-257-017B-375376/c
; Sequence 375376, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 375376
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0061224
US-10-257-017B-375376

Query Match
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 5 CCTTACGT 12
Db 9 CCTTACGT 2

RESULT 287
US-10-257-017B-376075/c
; Sequence 376075, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 376075
; LENGTH: 12

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0061603
US-10-257-017B-376075

Query Match
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 5 CCTTACGT 12
Db 10 CCTTACGT 3

RESULT 288
US-10-708-951-20987/c
; Sequence 20987, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIA
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; PRIOR FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20987
; LENGTH: 11
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-20987

Query Match
Best Local Similarity 81.8%; Pred. No. 1.9e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 13 GTACAGGAGT 23
Db 11 GTACAGGAGT 1

RESULT 289
US-10-708-951-41069/c
; Sequence 41069, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIA
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; PRIOR FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 41069
; LENGTH: 11
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-41069

Query Match
Best Local Similarity 81.8%; Pred. No. 1.9e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 13 GTACAGGAGT 23
Db 11 GTACAGGAGT 1

RESULT 290
US-10-257-017B-318372/c
; Sequence 318372, Application US/10257017B
; GENERAL INFORMATION:
```

```
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 318372
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0028620
US-10-257-017B-318372
```

```
Query Match          27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      12 TGTACAGGAG 22
Db      12 TGTACAGGAG 2
```

```
RESULT 291
US-10-257-017B-323447/c
; Sequence 323447, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 323447
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0031342
US-10-257-017B-323447
```

```
Query Match          27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      5 CCTACAGGCTA 15
Db      11 CCTACAGGCTA 1
```

```
RESULT 292
US-10-257-017B-267366
; Sequence 267366, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
```

```
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 267366
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0000141
US-10-257-017B-267366
```

```
Query Match          27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      13 GTACAGGAGT 23
Db      2 GTACAGGAGT 12
```

```
RESULT 293
US-10-257-017B-267405/c
; Sequence 267405, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 267405
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0000178
US-10-257-017B-267405
```

```
Query Match          27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      13 GTACAGGAGT 23
Db      12 GAAGAGGAGT 2
```

```
RESULT 294
US-10-257-017B-271559/c
; Sequence 271559, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 271559
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0002548
US-10-257-017B-271559
```

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 17 AGGAGTCCAG 27
DB 11 AGTGTGTCAG 1

RESULT 295
US-10-257-017B-272595
; Sequence 272595, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257, 017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 272595
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0002871
US-10-257-017B-272595

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGA 21
DB 2 GTGTACAGGA 12

RESULT 296
US-10-257-017B-273652/c
; Sequence 273652, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257, 017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 273652
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0003258
US-10-257-017B-273652

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 8 TACGTACAG 18
DB 12 TACGTATTAG 2

RESULT 297
US-10-257-017B-274023/c
; Sequence 274023, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257, 017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 274023
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0003399
US-10-257-017B-274023

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGA 21
DB 11 GTGTATAGGA 1

RESULT 298
US-10-257-017B-274503/c
; Sequence 274503, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257, 017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 274503
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0003574
US-10-257-017B-274503

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGAG 22
DB 12 TGTACAGGAG 2

RESULT 299
US-10-257-017B-276361/c
; Sequence 276361, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine


```

; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 276361
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0004166
US-10-257-017B-276361

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      13 GTACAGGAGCT 23
DB      12 GTATAGGGAAT 2

RESULT 300
US-10-257-017B-276730
; Sequence 276730, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 276730
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0004271
US-10-257-017B-276730

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7 CTACGTGTACA 17
DB      1 CTACCTATACA 11

RESULT 301
US-10-257-017B-276730/c
; Sequence 276730, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 276730
; LENGTH: 12
```

```

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0004271
US-10-257-017B-276730

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      12 TGTACAGGAGG 22
DB      11 TGTATAGGTAG 1

RESULT 302
US-10-257-017B-279384
; Sequence 279384, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 279384
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0007310
US-10-257-017B-279384

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      18 GGGAGTCCAGG 28
DB      1 GGGAGTAGAGG 11

RESULT 303
US-10-257-017B-281216
; Sequence 281216, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 281216
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0009554
US-10-257-017B-281216

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      12 TGTACAGGAG 22
      ||| ||| |||
Db      1 TGTAGAGGAG 11

RESULT 304
US-10-257-017B-281358
; Sequence 281358, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: US/10/257, 017B
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 281358
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0009679
US-10-257-017B-281358

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      14 TACAGGAGTC 24
      ||| ||| |||
Db      2 TAGAGGATC 12

RESULT 305
US-10-257-017B-281982/C
; Sequence 281982, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: US/10/257, 017B
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 281982
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0010233
US-10-257-017B-281982

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      12 TGTACAGGAG 22
      ||| ||| |||
Db      12 TGTATAGGAG 2

RESULT 306
US-10-257-017B-283061/C
; Sequence 283061, Application US/10257017B

; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: US/10/257, 017B
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 283061
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0011128
US-10-257-017B-283061

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      13 GTACAGGAGT 23
      ||| ||| |||
Db      12 GTAAAGGAT 2

RESULT 307
US-10-257-017B-284182
; Sequence 284182, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: US/10/257, 017B
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 284182
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0011701
US-10-257-017B-284182

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7 CTACGTGACA 17
      ||| ||| |||
Db      1 CTACGTACACA 11

RESULT 308
US-10-257-017B-285439/C
; Sequence 285439, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
```

```

; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 285439
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0012289
US-10-257-017B-285439

Query Match          27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 17 AGGAGATCCAG 27
    |||||
Db 11 AGGAGATTGAG 1

RESULT 309
US-10-257-017B-286373/c
; Sequence 286373, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 286373
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0012697
US-10-257-017B-286373

Query Match          27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 13 GTACAGGAGT 23
    |||||
Db 11 GTATAGGAAGT 1

RESULT 310
US-10-257-017B-289444
; Sequence 289444, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 289444
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0013940
```

```

US-10-257-017B-289444

Query Match          27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGACGGGA 21
    |||||
Db 2 GTTATAGGA 12

RESULT 311
US-10-257-017B-289636/c
; Sequence 289636, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 289636
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0014025
US-10-257-017B-289636

Query Match          27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 17 AGGAGATCCAG 27
    |||||
Db 11 AGGAGATTGAG 1

RESULT 312
US-10-257-017B-289720
; Sequence 289720, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 289720
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0014063
US-10-257-017B-289720

Query Match          27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGACGGGA 21
    |||||
Db 2 GTGATAGGA 12
```

```
RESULT 313
US-10-257-017B-292908/c
; Sequence 292908, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 292908
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0015403
US-10-257-017B-292908
```

```
Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      9  ACGGTACAGG 19
        |||||
Db      11  ACGTGAATAGG 1
```

```
RESULT 314
US-10-257-017B-293312/c
; Sequence 293312, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 293312
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0015568
US-10-257-017B-293312
```

```
Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      8  TACGTGTACAG 18
        |||||
Db      12  TACGTGTTTAA 2
```

```
RESULT 315
US-10-257-017B-293737/c
; Sequence 293737, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
```

```
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 293737
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0015757
US-10-257-017B-293737
```

```
Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      12  TGTACAGGAG 22
        |||||
Db      11  TGTGTAGGAG 1
```

```
RESULT 316
US-10-257-017B-294482
; Sequence 294482, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 294482
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0016139
US-10-257-017B-294482
```

```
Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      12  TGTACAGGAG 22
        |||||
Db      1  TATATAGGAG 11
```

```
RESULT 317
US-10-257-017B-295634/c
; Sequence 295634, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 295634
```

LENGTH: 12
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0016664
US-10-257-017B-295634

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 8 TAGGTGTACAG 18
DB 11 TAGGTGTATAG 1

RESULT 318
US-10-257-017B-296575
Sequence 296575, Application US/10257017B
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 296575
LENGTH: 12
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0017153
US-10-257-017B-296575

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 8 TAGGTGTACAG 18
DB 1 TAGGTGTAG 11

RESULT 319
US-10-257-017B-298605/c
Sequence 298605, Application US/10257017B
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 298605
LENGTH: 12
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0018188
US-10-257-017B-298605

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;

Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 12 TGATACAGGAG 22
DB 11 TGAAGAGGAG 1

RESULT 320
US-10-257-017B-298607/c
Sequence 298607, Application US/10257017B
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 298607
LENGTH: 12
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0018189
US-10-257-017B-298607

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 13 GTACAGGAGT 23
DB 12 GAAAGGAGT 2

RESULT 321
US-10-257-017B-299134
Sequence 299134, Application US/10257017B
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 299134
LENGTH: 12
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0018444
US-10-257-017B-299134

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGGA 21
DB 2 GTGTAAATGGA 12

RESULT 322
US-10-257-017B-299789

```

; Sequence 299789, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 299789
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0018745
US-10-257-017B-299789

```

```

Query Match          27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY 11 GTGTACAGGGA 21
    |||||
    2 GAGTAGAGGGA 12

```

```

RESULT 323
US-10-257-017B-300065
; Sequence 300065, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 300065
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0018851
US-10-257-017B-300065

```

```

Query Match          27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY 11 GTGTACAGGGA 21
    |||||
    2 GTGTAGTGGA 12

```

```

RESULT 324
US-10-257-017B-300067
; Sequence 300067, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B

```

```

; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 300067
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0018851
US-10-257-017B-300067

```

```

Query Match          27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY 11 GTGTACAGGGA 21
    |||||
    2 GTGTAGGCGGA 12

```

```

RESULT 325
US-10-257-017B-300705
; Sequence 300705, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 300705
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0019154
US-10-257-017B-300705

```

```

Query Match          27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY 6 CCTACGTGTAC 16
    |||||
    1 CCTACTTATAC 11

```

```

RESULT 326
US-10-257-017B-301686
; Sequence 301686, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 301686
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

```

```
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0019610
US-10-257-017B-301686

Query Match
Best Local Similarity 27.9%; Score 7.8; DB 1; Length 12;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGGA 21
DB 2 GTGTACAGGGA 12

RESULT 327
US-10-257-017B-302468/c
; Sequence 302468, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 302468
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0020005
US-10-257-017B-302468

Query Match
Best Local Similarity 27.9%; Score 7.8; DB 1; Length 12;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGGA 21
DB 11 GTATAGAGGGA 1

RESULT 328
US-10-257-017B-303184
; Sequence 303184, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 303184
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0020357
US-10-257-017B-303184

Query Match
Best Local Similarity 27.9%; Score 7.8; DB 1; Length 12;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGGA 21
DB 11 GTGTACAGGGA 21
```

```
DB 1 GTATTAAGGGA 11

RESULT 329
US-10-257-017B-303979/c
; Sequence 303979, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 303979
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0020734
US-10-257-017B-303979

Query Match
Best Local Similarity 27.9%; Score 7.8; DB 1; Length 12;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 13 GTACAGGAGT 23
DB 11 GTGCGGAGGT 1

RESULT 330
US-10-257-017B-304190
; Sequence 304190, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 304190
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0020811
US-10-257-017B-304190

Query Match
Best Local Similarity 27.9%; Score 7.8; DB 1; Length 12;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 10 CGGTACAGG 20
DB 1 CGGTACAGG 11

RESULT 331
US-10-257-017B-304237/c
; Sequence 304237, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
```

```
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 304237
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0020830
US-10-257-017B-304237

Query Match          27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 13 GTACAGGAGT 23
DB 11 GTATAGAGAGT 1

RESULT 332
US-10-257-017B-306314
; Sequence 306314, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 306314
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0021942
US-10-257-017B-306314

Query Match          27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 13 GTACAGGAGT 23
DB 2 GTATAGGAGAT 12

RESULT 333
US-10-257-017B-306426
; Sequence 306426, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
```

```
; SEQ ID NO 306426
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0022010
US-10-257-017B-306426

Query Match          27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7 CTACGTGTACA 17
DB 1 CTAGTATATAA 11

RESULT 334
US-10-257-017B-307592/C
; Sequence 307592, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 307592
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0022580
US-10-257-017B-307592

Query Match          27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 18 GCGAGTCCAGG 28
DB 11 GCGAGTTTAGG 1

RESULT 335
US-10-257-017B-308044/C
; Sequence 308044, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 308044
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0022851
US-10-257-017B-308044

Query Match          27.9%; Score 7.8; DB 1; Length 12;
```


Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6 CTRACGTGTAC 16
|||
|||

Db 11 CTRACGTATCC 1

RESULT 336

US-10-257-017B-310519
; Sequence 310519, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 310519
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0024019
US-10-257-017B-310519

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;

Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 17 AGGAGATCCAG 27
|||
|||

Db 2 AGGAGGTATAG 12

RESULT 337

US-10-257-017B-311141
; Sequence 311141, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 311141
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0024326
US-10-257-017B-311141

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;

Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGAG 22
|||
|||

Db 2 TGTATAGTAC 12

RESULT 338

US-10-257-017B-312368/c
; Sequence 312368, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin

; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 312368
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0025019
US-10-257-017B-312368

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;

Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGAG 22
|||
|||

Db 11 TTTATAGGAG 1

RESULT 339

US-10-257-017B-312431
; Sequence 312431, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 312431
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0025051
US-10-257-017B-312431

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;

Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 17 AGGAGATCCAG 27
|||
|||

Db 1 AGTACGTACGAG 11

RESULT 340

US-10-257-017B-312436/c
; Sequence 312436, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO

```

; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 312436
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0025053
US-10-257-017B-312436

Query Match
Best Local Similarity 27.9%; Score 7.8; DB 1; Length 12;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 17 AGGAGATCCAG 27
Db 12 AGTGATCGAG 2

RESULT 341
US-10-257-017B-313093/C
; Sequence 313093, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 313093
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0025477
US-10-257-017B-313093

Query Match
Best Local Similarity 27.9%; Score 7.8; DB 1; Length 12;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 13 GTACAGGAGT 23
Db 11 GTAGAGTGAGT 1

RESULT 342
US-10-257-017B-313423/C
; Sequence 313423, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 313423
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
```

```

; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0025752
US-10-257-017B-313423

Query Match
Best Local Similarity 27.9%; Score 7.8; DB 1; Length 12;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 13 GTACAGGAGT 23
Db 12 GTGAGGAGAGT 2

RESULT 343
US-10-257-017B-313479
; Sequence 313479, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 313479
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0025791
US-10-257-017B-313479

Query Match
Best Local Similarity 27.9%; Score 7.8; DB 1; Length 12;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 8 TACGTGTACG 18
Db 1 TACGTGTTAG 11

RESULT 344
US-10-257-017B-314459
; Sequence 314459, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 314459
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0026375
US-10-257-017B-314459

Query Match
Best Local Similarity 27.9%; Score 7.8; DB 1; Length 12;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 11 GTGTACAGGA 21
```

Db 2 GTATAGAGGA 12

RESULT 345

US-10-257-017B-315082/c
; Sequence 315082, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 315082
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0026710
US-10-257-017B-315082

Query Match

Best Local Similarity 27.9%; Score 7.8; DB 1; Length 12;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGGA 21

Db 11 GTTAAAGGGA 1

RESULT 346

US-10-257-017B-316198
; Sequence 316198, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 316198
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0027330
US-10-257-017B-316198

Query Match

Best Local Similarity 27.9%; Score 7.8; DB 1; Length 12;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7 CTACGTGTACA 17

Db 2 CTACTTCTACA 12

RESULT 347

US-10-257-017B-317153/c
; Sequence 317153, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek

; APPLICANT: Christian Piepenbrock

; APPLICANT: Kurt Berlin

; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine

; TITLE OF INVENTION: methylations

; FILE REFERENCE: E01/1193/WO

; CURRENT APPLICATION NUMBER: US/10/257,017B

; PRIOR FILING DATE: 2002-10-07

; PRIOR APPLICATION NUMBER: DE 10019173.8

; NUMBER OF SEQ ID NOS: 382046

; SEQ ID NO 317153

; LENGTH: 12

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0027831

US-10-257-017B-317153

Query Match

Best Local Similarity 27.9%; Score 7.8; DB 1; Length 12;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 13 GTACAGGAGT 23

Db 11 GTAGGGGAGT 1

RESULT 348

US-10-257-017B-317890
; Sequence 317890, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 317890
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide-Primer
US-10-257-017B-317890

Query Match

Best Local Similarity 27.9%; Score 7.8; DB 1; Length 12;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGGA 21

Db 2 GTTAAAGGGA 12

RESULT 349

US-10-257-017B-317955
; Sequence 317955, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07

```
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 317955
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0028355
US-10-257-017B-317955
```

```
Query Match          27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      8 TACGTGTACAG 18
        |||||
Db       2 TACGAGTATAG 12
```

RESULT 350

```
US-10-257-017B-317995
; Sequence 317995, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 317995
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0028368
US-10-257-017B-317995
```

```
Query Match          27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      10 CGGTACAGCG 20
        |||||
Db       2 CGGCTAGAGG 12
```

RESULT 351

```
US-10-257-017B-318378/c
; Sequence 318378, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 318378
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0028624
US-10-257-017B-318378
```

```
Query Match          27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      13 GTACAGGAGT 23
        |||||
Db       12 GGAGAGGAGT 2
```

RESULT 352

```
US-10-257-017B-318834/c
; Sequence 318834, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 318834
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0028917
US-10-257-017B-318834
```

```
Query Match          27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      13 GTACAGGAGT 23
        |||||
Db       12 GTAAAGGAGT 2
```

RESULT 353

```
US-10-257-017B-319676
; Sequence 319676, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 319676
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0029352
US-10-257-017B-319676
```

```
Query Match          27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      9 ACGGTACAGG 19
        |||||
Db       1 ACGTAAAGG 11
```

```
RESULT 354
US-10-257-017B-319813/C
; Sequence 319813, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257, 017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 319813
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0029422
US-10-257-017B-319813
```

```
Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      13 GTACAGGAGT 23
Db      12 GTAAAGAGAGT 2
```

```
RESULT 355
US-10-257-017B-320586/C
; Sequence 320586, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257, 017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 320586
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0029805
US-10-257-017B-320586
```

```
Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      8 TAGGTGACAG 18
Db      12 TAAGTAAAG 2
```

```
RESULT 356
US-10-257-017B-322085
; Sequence 322085, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257, 017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 322085
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0030649
US-10-257-017B-322085
```

```
FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257, 017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 322085
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0030649
US-10-257-017B-322085
```

```
Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      11 GTGTACGGGA 21
Db      2 GTGGAAAGGA 12
```

```
RESULT 357
US-10-257-017B-323348/C
; Sequence 323348, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257, 017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 323348
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0031342
US-10-257-017B-323348
```

```
Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      5 CCTACGTGA 15
Db      11 CCTACGCATA 1
```

```
RESULT 358
US-10-257-017B-324199
; Sequence 324199, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257, 017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 324199
; LENGTH: 12
; TYPE: DNA
```

```
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0031859
US-10-257-017B-324193
```

```
Query Match          27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      13 GTACAGGAGT 23
        ||| ||| |||
Db       2 GTATAGGAAGT 12
```

```
RESULT 359
US-10-257-017B-326585
Sequence 326585, Application US/10257017B
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 326585
LENGTH: 12
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC003166
US-10-257-017B-326585
```

```
Query Match          27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      10 CGGTACAGG 20
        ||| ||| |||
Db       1 CGGTAGAGGG 11
```

```
RESULT 360
US-10-257-017B-326589
Sequence 326589, Application US/10257017B
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 326589
LENGTH: 12
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC003166
US-10-257-017B-326589
```

```
Query Match          27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      10 CGGTACAGG 20
        ||| ||| |||
Db       1 CGGTAGAGGG 11
```

```
RESULT 361
US-10-257-017B-327497
Sequence 327497, Application US/10257017B
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 327497
LENGTH: 12
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0033666
US-10-257-017B-327497
```

```
Query Match          27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      5 CCTACTGCTA 15
        ||| ||| |||
Db       2 CCTACTCTTA 12
```

```
RESULT 362
US-10-257-017B-328297
Sequence 328297, Application US/10257017B
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 328297
LENGTH: 12
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0034221
US-10-257-017B-328297
```

```
Query Match          27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      13 GTACAGGAGT 23
        ||| ||| |||
Db       2 GTAGAGAGAT 12
```

```
RESULT 363
US-10-257-017B-328727
Sequence 328727, Application US/10257017B
GENERAL INFORMATION:
```

```

; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 328727
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0034507
US-10-257-017B-328727

```

```

Query Match          27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY      18 GGGAGTCCAGG 28
Db      1 GGGAGTTTAGG 11

```

```

RESULT 364
US-10-257-017B-328728
; Sequence 328728, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 328728
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0034507
US-10-257-017B-328728

```

```

Query Match          27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY      18 GGGAGTCCAGG 28
Db      1 GGGAGTTTAGG 11

```

```

RESULT 365
US-10-257-017B-329472/c
; Sequence 329472, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8

```

```

; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 329472
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0034961
US-10-257-017B-329472

```

```

Query Match          27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY      13 GTACAGGAGT 23
Db      12 GTATAGGAGT 2

```

```

RESULT 366
US-10-257-017B-329506/c
; Sequence 329506, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 329506
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0034969
US-10-257-017B-329506

```

```

Query Match          27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY      6 CCTACGTGTAC 16
Db      11 CGTGGGTGTAC 1

```

```

RESULT 367
US-10-257-017B-329543/c
; Sequence 329543, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 329543
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0034965
US-10-257-017B-329543

```

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 13 GTACAGGAGT 23
||| ||| |||
Db 12 GTACAGGAGT 2

RESULT 368
US-10-257-017B-329588/c
; Sequence 329588, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 329588
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0035020
US-10-257-017B-329588

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 17 AGGAGTCCAG 27
||| ||| |||
Db 12 AGGAGTCCAG 2

RESULT 369
US-10-257-017B-330374/c
; Sequence 330374, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 330374
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0035480
US-10-257-017B-330374

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7 CTACGTGACA 17
||| ||| |||
Db 12 CTACGTGACA 2

RESULT 370
US-10-257-017B-330436/c
; Sequence 330436, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 330436
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0035525
US-10-257-017B-330436

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 17 AGGAGTCCAG 27
||| ||| |||
Db 12 AGGAGTCCAG 2

RESULT 371
US-10-257-017B-335291/c
; Sequence 335291, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 335291
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0038711
US-10-257-017B-335291

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 GTACAGGAG 22
||| ||| |||
Db 11 TATTAAGGAG 1

RESULT 372
US-10-257-017B-335891
; Sequence 335891, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
US-10-257-017B-335891


```

; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/NO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 335891
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0039096
US-10-257-017B-335891

```

```

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY      11 GTGTACAGGGA 21
DB      2 GTGAAAAGGGA 12

```

```

RESULT 373
US-10-257-017B-336406/c
; Sequence 336406, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/NO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 336406
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0039349
US-10-257-017B-336406

```

```

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY      11 GTGTACAGGGA 21
DB      11 GTGTATGGGGA 1

```

```

RESULT 374
US-10-257-017B-338282
; Sequence 338282, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/NO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 338282
; LENGTH: 12

```

```

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0040379
US-10-257-017B-338282

```

```

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY      7 CTACGTGTACA 17
DB      1 CTACGTCTAAA 11

```

```

RESULT 375
US-10-257-017B-338484
; Sequence 338484, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/NO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 338484
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0040513
US-10-257-017B-338484

```

```

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY      8 TACGTGTACAG 18
DB      2 TAGGTGTAAAG 12

```

```

RESULT 376
US-10-257-017B-339067
; Sequence 339067, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/NO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 339067
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0040813
US-10-257-017B-339067

```

```

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

OY 12 TGTACAGGAG 22
|||
Db 2 TTTAGAGGAG 12

RESULT 377
US-10-257-017B-339453
; Sequence 339453, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 339453
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0041010
US-10-257-017B-339453

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 9 ACGGTACAGG 19
|||
Db 1 AAGTGTATAGG 11

RESULT 378
US-10-257-017B-340416
; Sequence 340416, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 340416
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0041516
US-10-257-017B-340416

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 5 CCTACGCTGA 15
|||
Db 1 CCTACATTGA 11

RESULT 379
US-10-257-017B-342694
; Sequence 342694, Application US/10257017B

; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 342694
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0010536
US-10-257-017B-342694

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 6 CCTACGCTAC 16
|||
Db 2 CCTACGCTCC 12

RESULT 380
US-10-257-017B-344766
; Sequence 344766, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 344766
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0043696
US-10-257-017B-344766

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 6 CCTACGCTAC 16
|||
Db 2 CCTACTCTAC 12

RESULT 381
US-10-257-017B-345269
; Sequence 345269, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07

```
;; PRIOR APPLICATION NUMBER: DE 10019173.8
;; PRIOR FILING DATE: 2000-04-07
;; NUMBER OF SEQ ID NOS: 382046
;; SEQ ID NO 345269
;; LENGTH: 12
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0043939
US-10-257-017B-345269
```

```
Query Match
Best Local Similarity 27.9%; Score 7.8; DB 1; Length 12;
                        81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 11 GTGTACAGGAG 21
DB 1 GTGTATAGGAA 11
```

```
RESULT 382
US-10-257-017B-346722
; Sequence 346722, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 346722
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0044718
US-10-257-017B-346722
```

```
Query Match
Best Local Similarity 27.9%; Score 7.8; DB 1; Length 12;
                        81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 8 TACGTGTACAG 18
DB 2 TACGTTTAGAG 12
```

```
RESULT 383
US-10-257-017B-347124/C
; Sequence 347124, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 347124
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0044921
```

```
US-10-257-017B-347124
```

```
Query Match
Best Local Similarity 27.9%; Score 7.8; DB 1; Length 12;
                        81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 12 TGTTACAGGAG 22
DB 12 TGTTAAAGAG 2
```

```
RESULT 384
US-10-257-017B-347254/C
; Sequence 347254, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 347254
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0044987
US-10-257-017B-347254
```

```
Query Match
Best Local Similarity 27.9%; Score 7.8; DB 1; Length 12;
                        81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 13 GTACAGGAGT 23
DB 12 GTAAATGAGT 2
```

```
RESULT 385
US-10-257-017B-349585/C
; Sequence 349585, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 349585
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0006053
US-10-257-017B-349585
```

```
Query Match
Best Local Similarity 27.9%; Score 7.8; DB 1; Length 12;
                        81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 13 GTACAGGAGT 23
DB 12 GAATAGGAGT 2
```

```
RESULT 386
US-10-257-017B-351620/C
; Sequence 351620, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 351620
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0047410
US-10-257-017B-351620
```

```
Query Match          27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      6 CCTACGGTAC 16
Db      12 CGTCGGTAC 2
```

```
RESULT 387
US-10-257-017B-351903/C
; Sequence 351903, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 351903
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0047561
US-10-257-017B-351903
```

```
Query Match          27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      8 TACGTACG 18
Db      11 TATGTATAG 1
```

```
RESULT 388
US-10-257-017B-352705
; Sequence 352705, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
```

```
;; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
;; FILE REFERENCE: E01/1193/WO
;; CURRENT APPLICATION NUMBER: US/10/257,017B
;; CURRENT FILING DATE: 2002-10-07
;; PRIOR APPLICATION NUMBER: DE 10019173.8
;; PRIOR FILING DATE: 2000-04-07
;; NUMBER OF SEQ ID NOS: 382046
;; SEQ ID NO 352705
;; LENGTH: 12
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0048048
US-10-257-017B-352705
```

```
Query Match          27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      12 TGTACAGGAG 22
Db      2 TATATAGGAG 12
```

```
RESULT 389
US-10-257-017B-354546
; Sequence 354546, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 354546
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0007126
US-10-257-017B-354546
```

```
Query Match          27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      12 TGTACAGGAG 22
Db      2 TGTGAGGAG 12
```

```
RESULT 390
US-10-257-017B-354916
; Sequence 354916, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 354916
```

```

; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0049362
US-10-257-017B-354916

```

```

Query Match
Best Local Similarity 27.9%; Score 7.8; DB 1; Length 12;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY 12 TGTACAGGAG 22
DB 2 TGTATTGGAG 12

```

```

RESULT 391
US-10-257-017B-355436
; Sequence 355436, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 355436
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0010480
US-10-257-017B-355436

```

```

Query Match
Best Local Similarity 27.9%; Score 7.8; DB 1; Length 12;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY 12 TGTACAGGAG 22
DB 2 TGTATTGGAG 12

```

```

RESULT 392
US-10-257-017B-357410
; Sequence 357410, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 357410
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0050598
US-10-257-017B-357410

```

```

Query Match
Best Local Similarity 27.9%; Score 7.8; DB 1; Length 12;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 6 CCTACGTGTAC 16
DB 2 CCTTCGTTATC 12

```

```

RESULT 393
US-10-257-017B-359423
; Sequence 359423, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 359423
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0051604
US-10-257-017B-359423

```

```

Query Match
Best Local Similarity 27.9%; Score 7.8; DB 1; Length 12;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY 14 TACAGGAGATC 24
DB 2 TAAAGGATTC 12

```

```

RESULT 394
US-10-257-017B-360057
; Sequence 360057, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 360057
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0051905
US-10-257-017B-360057

```

```

Query Match
Best Local Similarity 27.9%; Score 7.8; DB 1; Length 12;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY 5 CCTACGTGTA 15
DB 1 CCTACCTTTA 11

```

```

RESULT 395
US-10-257-017B-360914/c

```

```
; Sequence 360914, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 360914
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0007660
US-10-257-017B-360914
```

```
Query Match
Best Local Similarity 27.9%; Score 7.8; DB 1; Length 12;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 17 AGGAGATCCAG 27
Db 11 AGGAGATTAAG 1
```

```
RESULT 396
US-10-257-017B-360925/c
; Sequence 360925, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 360925
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0052374
US-10-257-017B-360925
```

```
Query Match
Best Local Similarity 27.9%; Score 7.8; DB 1; Length 12;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 11 GTGTACAGGA 21
Db 11 GTTTAAGGA 1
```

```
RESULT 397
US-10-257-017B-361219/c
; Sequence 361219, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
```

```
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 361219
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0052504
US-10-257-017B-361219
```

```
Query Match
Best Local Similarity 27.9%; Score 7.8; DB 1; Length 12;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 13 GTACAGGAGT 23
Db 12 GTAAAGGAGT 2
```

```
RESULT 398
US-10-257-017B-364211/c
; Sequence 364211, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 364211
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0054346
US-10-257-017B-364211
```

```
Query Match
Best Local Similarity 27.9%; Score 7.8; DB 1; Length 12;
Matches 9; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 9 ACGGTACAGG 20
Db 12 ATGTTAAGG 1
```

```
RESULT 399
US-10-257-017B-366438
; Sequence 366438, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 366438
```

LENGTH: 12
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0055758
US-10-257-017B-366438

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 18 GGGAGTCCAGG 28
DB 1 GTGAGTCGAGG 11

RESULT 400
US-10-257-017B-368188
Sequence 368188, Application US/10257017B
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 368188
LENGTH: 12
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0056841
US-10-257-017B-368188

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 8 TAGGTGTACAG 18
DB 2 TAGGTGTATAG 12

RESULT 401
US-10-257-017B-368694/c
Sequence 368694, Application US/10257017B
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 368694
LENGTH: 12
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0057156
US-10-257-017B-368694

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;

Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 8 TAGGTGTACAG 18
DB 12 TAGGTGTAAAG 2

RESULT 402
US-10-257-017B-369019
Sequence 369019, Application US/10257017B
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 369019
LENGTH: 12
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0057405
US-10-257-017B-369019

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 18 GGGAGTCCAGG 28
DB 2 GGGAGTGTAGG 12

RESULT 403
US-10-257-017B-370020
Sequence 370020, Application US/10257017B
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 370020
LENGTH: 12
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0057941
US-10-257-017B-370020

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGAGG 22
DB 2 TGTACAGAGAG 12

RESULT 404
US-10-257-017B-370243

```
; Sequence 370243, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 370243
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0058069
US-10-257-017B-370243
```

```
Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 6 CCTACGTGTAC 16
Db 2 CCTACATTAC 12
```

```
RESULT 405
US-10-257-017B-370656/c
; Sequence 370656, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 370656
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0058293
US-10-257-017B-370656
```

```
Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 12 TGTACAGGAG 22
Db 11 TGTAGAGGAG 1
```

```
RESULT 406
US-10-257-017B-371290
; Sequence 371290, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
```

```
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 371290
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0058695
US-10-257-017B-371290
```

```
Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 8 TACGTGTAC 18
Db 2 TACGTGTAAAG 12
```

```
RESULT 407
US-10-257-017B-372617/c
; Sequence 372617, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 372617
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0059501
US-10-257-017B-372617
```

```
Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 12 TGTACAGGAG 22
Db 12 TGTATATGAG 2
```

```
RESULT 408
US-10-257-017B-374440/c
; Sequence 374440, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 374440
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```


OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0060697
US-10-257-017B-374440

Query Match

Best Local Similarity 27.9%; Score 7.8; DB 1; Length 12;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 17 AGGAGGTCCAG 27
DB 11 AGGAGGCCGAG 1

RESULT 409

US-10-257-017B-375026/c
Sequence 375026, Application US/10257017B
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 375026
LENGTH: 12
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0060699
US-10-257-017B-375026

Query Match

Best Local Similarity 27.9%; Score 7.8; DB 1; Length 12;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGA 21
DB 11 GTTATAGGA 1

RESULT 410

US-10-257-017B-376374/c
Sequence 376374, Application US/10257017B
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 376374
LENGTH: 12
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0061770
US-10-257-017B-376374

Query Match

Best Local Similarity 27.9%; Score 7.8; DB 1; Length 12;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 13 GTACAGGAGT 23
DB 11 GTTATAGGA 1

DB 12 GTAAAGAGAGT 2

RESULT 411

US-10-257-017B-377645/c
Sequence 377645, Application US/10257017B
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 377645
LENGTH: 12
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0001398
US-10-257-017B-377645

Query Match

Best Local Similarity 27.9%; Score 7.8; DB 1; Length 12;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGA 21
DB 11 GAGTAGAGGA 1

RESULT 412

US-10-257-017B-380460/c
Sequence 380460, Application US/10257017B
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 380460
LENGTH: 12
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0063833
US-10-257-017B-380460

Query Match

Best Local Similarity 27.9%; Score 7.8; DB 1; Length 12;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 13 GTACAGGAGT 23
DB 12 GTAGAGGAGT 2

RESULT 413

US-10-257-017B-380651/c
Sequence 380651, Application US/10257017B
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock

```
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine
FILE REFERENCE: E01/1193/NO
CURRENT APPLICATION NUMBER: US/10/257,017B
PRIOR FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 380651
LENGTH: 12
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0063915
US-10-257-017B-380651
```

```
Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy      13 GTACAGGAGT 23
Db      11 GTAGAGGAGT 1
```

```
RESULT 414
US-10-257-017B-381145
Sequence 381145, Application US/10257017B
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine
FILE REFERENCE: E01/1193/NO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 381145
LENGTH: 12
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0064199
US-10-257-017B-381145
```

```
Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy      11 GTGTACAGGA 21
Db      2 GTGTATAGGTA 12
```

```
RESULT 415
US-10-661-165-485
Sequence 485, Application US/10661165
GENERAL INFORMATION:
APPLICANT: Dhallan, Ravinder S.
TITLE OF INVENTION: METHODS FOR DETECTION OF GENETIC
FILE REFERENCE: 543312000420
CURRENT APPLICATION NUMBER: US/10/661,165
CURRENT FILING DATE: 2003-09-11
PRIOR APPLICATION NUMBER: PCT/US03/06198
PRIOR FILING DATE: 2003-02-28
PRIOR APPLICATION NUMBER: US 60/378,354
PRIOR FILING DATE: 2002-05-08
PRIOR APPLICATION NUMBER: US 10/093,618
```

```
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/360,232
PRIOR FILING DATE: 2002-03-01
PRIOR APPLICATION NUMBER: PCT/US03/27308
PRIOR FILING DATE: 2003-08-29
PRIOR APPLICATION NUMBER: US 10/376,770
PRIOR FILING DATE: 2003-02-28
NUMBER OF SEQ ID NOS: 628
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 485
LENGTH: 12
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
US-10-661-165-485
```

```
Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy      11 GTGTACAGGA 21
Db      1 GTGTGATGGA 11
```

```
RESULT 416
US-10-708-951-20224/c
Sequence 20224, Application US/10708951
GENERAL INFORMATION:
APPLICANT: ROSETTA GENOMICS LTD
TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIA
FILE REFERENCE: 55034
CURRENT APPLICATION NUMBER: US/10/708,951
CURRENT FILING DATE: 2004-04-02
NUMBER OF SEQ ID NOS: 59824
SOFTWARE: PatentIn version 3.2
SEQ ID NO 20224
LENGTH: 12
TYPE: RNA
ORGANISM: Homo sapiens
US-10-708-951-20224
```

```
Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy      8 TACGTGACG 18
Db      12 TTGATGACG 2
```

```
RESULT 417
US-10-708-951-21117
Sequence 21117, Application US/10708951
GENERAL INFORMATION:
APPLICANT: ROSETTA GENOMICS LTD
TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIA
FILE REFERENCE: 55034
CURRENT APPLICATION NUMBER: US/10/708,951
CURRENT FILING DATE: 2004-04-02
NUMBER OF SEQ ID NOS: 59824
SOFTWARE: PatentIn version 3.2
SEQ ID NO 21117
LENGTH: 12
TYPE: RNA
ORGANISM: Homo sapiens
US-10-708-951-21117
```

```
Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 63.6%; Pred. No. 2.3e+02;
```

Matches 7; Conservative 2; Mismatches 2; Indels 0; Gaps 0;
 QY 7 CTACGTGTACA 17
 Db 1 CUACUGCACA 11

RESULT 418

US-10-708-951-41057/c
 ; Sequence 41057, Application US/10708951
 ; GENERAL INFORMATION:
 ; APPLICANT: ROSETTA GENOMICS LTD
 ; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
 ; FILE REFERENCE: 55034
 ; CURRENT APPLICATION NUMBER: US/10/708,951
 ; NUMBER OF SEQ ID NOS: 59824
 ; SOFTWARE: PatentIn version 3.2
 ; SEQ ID NO 41057
 ; LENGTH: 12
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-10-708-951-41057

Query Match
 Best Local Similarity 27.9%; Score 7.8; DB 1; Length 12;
 Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 8 TACGTGTACAG 18
 Db 12 TTCATGTACAG 2

RESULT 419

US-10-708-951-43375
 ; Sequence 43375, Application US/10708951
 ; GENERAL INFORMATION:
 ; APPLICANT: ROSETTA GENOMICS LTD
 ; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
 ; FILE REFERENCE: 55034
 ; CURRENT APPLICATION NUMBER: US/10/708,951
 ; NUMBER OF SEQ ID NOS: 59824
 ; SOFTWARE: PatentIn version 3.2
 ; SEQ ID NO 43375
 ; LENGTH: 12
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-10-708-951-43375

Query Match
 Best Local Similarity 27.9%; Score 7.8; DB 1; Length 12;
 Matches 7; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 7 CTACGTGTACA 17
 Db 1 CUACUGCACA 11

RESULT 420

US-10-257-017B-118027
 ; Sequence 118027, Application US/10257017B
 ; GENERAL INFORMATION:
 ; APPLICANT: Alexander Olek
 ; APPLICANT: Christian Piepenbrock
 ; APPLICANT: Kurt Berlin
 ; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
 ; FILE REFERENCE: E01/1193/MO
 ; CURRENT APPLICATION NUMBER: US/10/257,017B
 ; CURRENT FILING DATE: 2002-10-07

; PRIOR APPLICATION NUMBER: DE 10019173.8
 ; PRIOR FILING DATE: 2000-04-07
 ; NUMBER OF SEQ ID NOS: 382046
 ; SEQ ID NO 118027
 ; LENGTH: 13
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0029509
 US-10-257-017B-118027

Query Match
 Best Local Similarity 27.9%; Score 7.8; DB 1; Length 13;
 Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGAG 22
 Db 1 TGTAGAGGTAG 11

RESULT 421

US-10-257-017B-118028/c
 ; Sequence 118028, Application US/10257017B
 ; GENERAL INFORMATION:
 ; APPLICANT: Alexander Olek
 ; APPLICANT: Christian Piepenbrock
 ; APPLICANT: Kurt Berlin
 ; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
 ; FILE REFERENCE: E01/1193/MO
 ; CURRENT APPLICATION NUMBER: US/10/257,017B
 ; PRIOR FILING DATE: 2002-10-07
 ; PRIOR APPLICATION NUMBER: DE 10019173.8
 ; PRIOR FILING DATE: 2000-04-07
 ; NUMBER OF SEQ ID NOS: 382046
 ; SEQ ID NO 118028
 ; LENGTH: 13
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0029509
 US-10-257-017B-118028

Query Match
 Best Local Similarity 27.9%; Score 7.8; DB 1; Length 13;
 Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGAG 22
 Db 13 TGTAGAGGTAG 3

RESULT 422

US-10-257-017B-119279
 ; Sequence 119279, Application US/10257017B
 ; GENERAL INFORMATION:
 ; APPLICANT: Alexander Olek
 ; APPLICANT: Christian Piepenbrock
 ; APPLICANT: Kurt Berlin
 ; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
 ; FILE REFERENCE: E01/1193/MO
 ; CURRENT APPLICATION NUMBER: US/10/257,017B
 ; PRIOR FILING DATE: 2002-10-07
 ; PRIOR APPLICATION NUMBER: DE 10019173.8
 ; PRIOR FILING DATE: 2000-04-07
 ; NUMBER OF SEQ ID NOS: 382046
 ; SEQ ID NO 119279
 ; LENGTH: 13
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0029787

US-10-257-017B-119279

Query Match 27.9%; Score 7.8; DB 1; Length 13;
Best Local Similarity 69.2%; Pred. No. 2.7e+02;
Matches 9; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 12 TGTACAGGAGTC 24
DB 1 TGTAACTAGT 13

RESULT 423

US-10-257-017B-119280/c
; Sequence 119280, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 119280
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0029787
US-10-257-017B-119280

Query Match 27.9%; Score 7.8; DB 1; Length 13;
Best Local Similarity 69.2%; Pred. No. 2.7e+02;
Matches 9; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 12 TGTACAGGAGTC 24
DB 13 TGTAACTAGT 1

RESULT 424

US-10-257-017B-144691
; Sequence 144691, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 144691
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0036396
US-10-257-017B-144691

Query Match 27.9%; Score 7.8; DB 1; Length 13;
Best Local Similarity 69.2%; Pred. No. 2.7e+02;
Matches 9; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 12 TGTACAGGAGTC 24
DB 1 TGTAACTAGT 13

RESULT 425
US-10-257-017B-144692/c
; Sequence 144692, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 144692
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0036396
US-10-257-017B-144692

Query Match 27.9%; Score 7.8; DB 1; Length 13;
Best Local Similarity 69.2%; Pred. No. 2.7e+02;
Matches 9; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 12 TGTACAGGAGTC 24
DB 13 TGTAACTAGT 1

RESULT 426

US-10-257-017B-136727/c
; Sequence 136727, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/MO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 136727
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0034175
US-10-257-017B-136727

Query Match 27.9%; Score 7.8; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 2.7e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7 CTACGCTTACA 17
DB 11 CTCGTTTACA 1

RESULT 427

US-10-257-017B-136728
; Sequence 136728, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin

;; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
;; FILE REFERENCE: E01/1193/WO
;; CURRENT APPLICATION NUMBER: US/10/257,017B
;; PRIOR FILING DATE: 2002-10-07
;; PRIOR APPLICATION NUMBER: DE 10019173.8
;; NUMBER OF SEQ ID NOS: 382046
;; SEQ ID NO 136728
;; LENGTH: 13
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC034175
US-10-257-017B-136728

Query Match 27.9%; Score 7.8; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 2.7e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 7 CTACGTGTACA 17
Db 3 CTCGTTTACA 13

RESULT 428
PCT-US02-31548A-28
; Sequence 28, Application PC/TUS0231548A
; GENERAL INFORMATION:
; APPLICANT: UNIVERSITY OF CHICAGO
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR MODULATING APOPTOSIS
; FILE REFERENCE: 21459-93822
; CURRENT APPLICATION NUMBER: PCT/US02/31548A
; PRIOR FILING DATE: 2002-10-02
; PRIOR APPLICATION NUMBER: 60/326,492
; PRIOR FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: 60/328,811
; PRIOR FILING DATE: 2001-10-21
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 28
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
PCT-US02-31548A-28

Query Match 26.4%; Score 7.4; DB 1; Length 10;
Best Local Similarity 88.9%; Pred. No. 1.9e+02;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 18 GGGAGTCCA 26
Db 2 GGGATTCCA 10

RESULT 429
PCT-US02-31548A-38
; Sequence 38, Application PC/TUS0231548A
; GENERAL INFORMATION:
; APPLICANT: UNIVERSITY OF CHICAGO
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR MODULATING APOPTOSIS
; FILE REFERENCE: 21459-93822
; CURRENT APPLICATION NUMBER: PCT/US02/31548A
; PRIOR FILING DATE: 2002-10-02
; PRIOR APPLICATION NUMBER: 60/326,492
; PRIOR FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: 60/328,811
; PRIOR FILING DATE: 2001-10-21
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 38

;; LENGTH: 10
;; TYPE: DNA
;; ORGANISM: Mus musculus
PCT-US02-31548A-38

Query Match 26.4%; Score 7.4; DB 1; Length 10;
Best Local Similarity 88.9%; Pred. No. 1.9e+02;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 18 GGGAGTCCA 26
Db 2 GGGATTCCA 10

RESULT 430
PCT-US03-25614-19
; Sequence 19, Application PC/TUS0325614
; GENERAL INFORMATION:
; APPLICANT: Genzyme Corporation
; TITLE OF INVENTION: BRAIN ENDOTHELIAL EXPRESSION PATTERNS
; FILE REFERENCE: 003482.00010
; CURRENT APPLICATION NUMBER: PCT/US03/25614
; PRIOR FILING DATE: 2003-08-15
; PRIOR APPLICATION NUMBER: US 60/403,390
; PRIOR FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: US 60/458,978
; PRIOR FILING DATE: 2003-04-01
; NUMBER OF SEQ ID NOS: 869
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 19
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
PCT-US03-25614-19

Query Match 26.4%; Score 7.4; DB 1; Length 10;
Best Local Similarity 88.9%; Pred. No. 1.9e+02;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 8 TACGTGTAC 16
Db 2 TTAGGTGAC 10

RESULT 431
PCT-US03-25614-20
; Sequence 20, Application PC/TUS0325614
; GENERAL INFORMATION:
; APPLICANT: Genzyme Corporation
; TITLE OF INVENTION: BRAIN ENDOTHELIAL EXPRESSION PATTERNS
; FILE REFERENCE: 003482.00010
; CURRENT APPLICATION NUMBER: PCT/US03/25614
; PRIOR FILING DATE: 2003-08-15
; PRIOR APPLICATION NUMBER: US 60/403,390
; PRIOR FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: US 60/458,978
; PRIOR FILING DATE: 2003-04-01
; NUMBER OF SEQ ID NOS: 869
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 20
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
PCT-US03-25614-20

Query Match 26.4%; Score 7.4; DB 1; Length 10;
Best Local Similarity 88.9%; Pred. No. 1.9e+02;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 8 TACGTGTAC 16

Db 2 TAGGTAC 10

RESULT 432

PCT-US03-25614-188/c
; Sequence 189, Application PC/TUS0325614
; GENERAL INFORMATION:
; APPLICANT: Genzyme Corporation
; TITLE OF INVENTION: BRAIN ENDOTHELIAL EXPRESSION PATTERNS
; FILE REFERENCE: 003482.00010
; CURRENT APPLICATION NUMBER: PCT/US03/25614
; PRIOR FILING DATE: 2003-08-15
; PRIOR APPLICATION NUMBER: US 60/403,390
; PRIOR FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: US 60/458,978
; NUMBER OF SEQ ID NOS: 869
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 188
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
PCT-US03-25614-188

Query Match 26.4%; Score 7.4; DB 1; Length 10;
Best Local Similarity 88.9%; Pred. No. 1.9e+02;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Db 3 GGCCCTACG 11
10 GGCACTACG 2

RESULT 433

PCT-US03-25614-754/c
; Sequence 754, Application PC/TUS0325614
; GENERAL INFORMATION:
; APPLICANT: Genzyme Corporation
; TITLE OF INVENTION: The Johns Hopkins University
; FILE REFERENCE: 003482.00010
; CURRENT APPLICATION NUMBER: PCT/US03/25614
; PRIOR FILING DATE: 2003-08-15
; PRIOR APPLICATION NUMBER: US 60/403,390
; PRIOR FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: US 60/458,978
; NUMBER OF SEQ ID NOS: 869
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 754
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
PCT-US03-25614-754

Query Match 26.4%; Score 7.4; DB 1; Length 10;
Best Local Similarity 88.9%; Pred. No. 1.9e+02;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Db 19 GGAGTCACG 27
10 GGAGTCACG 2

RESULT 434

US-09-701-545-211/c
; Sequence 211, Application US/09701545
; GENERAL INFORMATION:
; APPLICANT: Shinichi Hashimoto, Kouji Matsushima, Takuji Suzuki
; TITLE OF INVENTION: A Group Of Genes Expressed In Human Dendritic Cells
; FILE REFERENCE: 2000-1658A/LC/00653
; CURRENT APPLICATION NUMBER: US/09/701,545

; CURRENT FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: JP 11-035481
; PRIOR FILING DATE: 1999-04-01
; NUMBER OF SEQ ID NOS: 300
; SOFTWARE: PatentIn 2.0
; SEQ ID NO 211
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-701-545-211

Query Match 26.4%; Score 7.4; DB 1; Length 10;
Best Local Similarity 88.9%; Pred. No. 1.9e+02;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Db 9 ACGTGATGA 17
9 ACGTGATGA 1

RESULT 435

US-09-701-545-273/c
; Sequence 273, Application US/09701545
; GENERAL INFORMATION:
; APPLICANT: Shinichi Hashimoto, Kouji Matsushima, Takuji Suzuki
; TITLE OF INVENTION: A Group Of Genes Expressed In Human Dendritic Cells
; FILE REFERENCE: 2000-1658A/LC/00653
; CURRENT APPLICATION NUMBER: US/09/701,545
; PRIOR FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: JP 11-095481
; PRIOR FILING DATE: 1999-04-01
; NUMBER OF SEQ ID NOS: 300
; SOFTWARE: PatentIn 2.0
; SEQ ID NO 273
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-701-545-273

Query Match 26.4%; Score 7.4; DB 1; Length 10;
Best Local Similarity 88.9%; Pred. No. 1.9e+02;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Db 15 ACGGAGCT 23
10 ACTGGAGCT 2

RESULT 436

US-10-626-905-28
; Sequence 28, Application US/10626905
; GENERAL INFORMATION:
; APPLICANT: FRANZOSO, GUIDO
; APPLICANT: DESMAELE, ENRICO
; APPLICANT: ZAZZERONI, FRANCESCO
; APPLICANT: PAPA, SALVATORE
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR MODULATING APOPTOSIS
; FILE REFERENCE: 21459-94575
; CURRENT APPLICATION NUMBER: US/10/626,905
; PRIOR FILING DATE: 2003-07-25
; PRIOR APPLICATION NUMBER: PCT/US02/31548
; PRIOR FILING DATE: 2002-10-02
; PRIOR APPLICATION NUMBER: 10/263,330
; PRIOR FILING DATE: 2002-10-02
; PRIOR APPLICATION NUMBER: 60/328,811
; PRIOR FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 60/326,492
; PRIOR FILING DATE: 2001-10-02
; NUMBER OF SEQ ID NOS: 53
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 28
; LENGTH: 10
; TYPE: DNA

```
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-626-905-28
```

Query Match

Best Local Similarity 26.4%; Score 7.4; DB 1; Length 10;
Pred. No. 1.9e+02;

Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```
QY 18 GGGAGTCCA 26
      |||||
DB 2 GGGATTCCA 10
```

RESULT 437

US-10-626-905-38
Sequence 38, Application US/10626905

GENERAL INFORMATION:

APPLICANT: FRANZOSO, GUIDO

APPLICANT: DESMAELE, ENRICO

APPLICANT: ZAZZERONI, FRANCESCA

APPLICANT: PAPA, SALVATORE

TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR MODULATING APOPTOSIS

FILE REFERENCE: 21459-94575

CURRENT APPLICATION NUMBER: US/10/626,905

PRIOR FILING DATE: 2003-07-25

PRIOR APPLICATION NUMBER: PCT/US02/31548

PRIOR FILING DATE: 2002-10-02

PRIOR APPLICATION NUMBER: 10/263,330

PRIOR FILING DATE: 2002-10-02

PRIOR APPLICATION NUMBER: 60/328,811

PRIOR FILING DATE: 2001-10-12

PRIOR APPLICATION NUMBER: 60/326,492

NUMBER OF SEQ ID NOS: 53

SOFTWARE: PatentIn Ver. 3.2

SEQ ID NO 38

LENGTH: 10

TYPE: DNA

ORGANISM: Mus musculus

US-10-626-905-38

```
Query Match
Best Local Similarity 26.4%; Score 7.4; DB 1; Length 10;
Pred. No. 1.9e+02;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 18 GGGAGTCCA 26
      |||||
DB 2 GGGATTCCA 10
```

RESULT 438

US-10-263-330A-28
Sequence 28, Application US/10263330A

GENERAL INFORMATION:

APPLICANT: FRANZOSO, GUIDO

APPLICANT: DESMAELE, ENRICO

APPLICANT: ZAZZERONI, FRANCESCA

APPLICANT: PAPA, SALVATORE

TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR MODULATING APOPTOSIS

FILE REFERENCE: 21459-93823

CURRENT APPLICATION NUMBER: US/10/263,330A

PRIOR FILING DATE: 2002-10-02

PRIOR APPLICATION NUMBER: 60/328,811

PRIOR FILING DATE: 2001-10-12

PRIOR APPLICATION NUMBER: 60/326,492

NUMBER OF SEQ ID NOS: 49

SOFTWARE: PatentIn Ver. 3.2

SEQ ID NO 28

LENGTH: 10

TYPE: DNA

ORGANISM: Artificial Sequence

```
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-263-330A-28
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Query Match

Best Local Similarity 26.4%; Score 7.4; DB 1; Length 10;
Pred. No. 1.9e+02;

Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```
QY 18 GGGAGTCCA 26
      |||||
DB 2 GGGATTCCA 10
```

RESULT 439

US-10-263-330A-38
Sequence 38, Application US/10263330A

GENERAL INFORMATION:

APPLICANT: FRANZOSO, GUIDO

APPLICANT: DESMAELE, ENRICO

APPLICANT: ZAZZERONI, FRANCESCA

APPLICANT: PAPA, SALVATORE

TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR MODULATING APOPTOSIS

FILE REFERENCE: 21459-93823

CURRENT APPLICATION NUMBER: US/10/263,330A

PRIOR FILING DATE: 2002-10-02

PRIOR APPLICATION NUMBER: 60/328,811

PRIOR FILING DATE: 2001-10-12

PRIOR APPLICATION NUMBER: 60/326,492

PRIOR FILING DATE: 2001-10-02

NUMBER OF SEQ ID NOS: 49

SOFTWARE: PatentIn Ver. 3.2

SEQ ID NO 38

LENGTH: 10

TYPE: DNA

ORGANISM: Mus musculus

US-10-263-330A-38

```
Query Match
Best Local Similarity 26.4%; Score 7.4; DB 1; Length 10;
Pred. No. 1.9e+02;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 18 GGGAGTCCA 26
      |||||
DB 2 GGGATTCCA 10
```

RESULT 440

US-10-816-079-20
Sequence 20, Application US/10816079

GENERAL INFORMATION:

APPLICANT: Genzyme Corporation

APPLICANT: Beaudry, Gary A

APPLICANT: Madden, Stephen L

APPLICANT: Bertelsen, Arthur H

TITLE OF INVENTION: Composition and Methods for the Identification of Lung Tumor

FILE REFERENCE: GA0129C2

CURRENT APPLICATION NUMBER: US/10/816,079

PRIOR FILING DATE: 2004-04-01

PRIOR APPLICATION NUMBER: 09/663,516

PRIOR FILING DATE: 2000-09-15

PRIOR APPLICATION NUMBER: 60/080,037

PRIOR FILING DATE: 1999-03-30

NUMBER OF SEQ ID NOS: 40

SOFTWARE: PatentIn version 3.2

SEQ ID NO 20

LENGTH: 10

TYPE: DNA

ORGANISM: Artificial

FEATURE:

OTHER INFORMATION: SAGE tag

US-10-816-079-20

Query Match 26.4%; Score 7.4; DB 1; Length 10;
 Best Local Similarity 88.9%; Pred. No. 1.9e+02;
 Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 3 GGCCCTAG 11
 DB 2 GGCCGACG 10

RESULT 441

US-10-815-571-108/C
 ; Sequence 108, Application US/10815571
 ; GENERAL INFORMATION:
 ; APPLICANT: Dain, Bradley J.
 ; APPLICANT: Messer, Chad
 ; APPLICANT: Reed, Carol R.
 ; APPLICANT: Rounds, Eileen M.
 ; APPLICANT: Zhan, Ping
 ; TITLE OF INVENTION: ABCA1 Genetic Markers and Statin Response
 ; FILE REFERENCE: MMH-3047US
 ; CURRENT APPLICATION NUMBER: US/10/815,571
 ; CURRENT FILING DATE: 2004-03-31
 ; PRIOR APPLICATION NUMBER: US 60/459,431
 ; PRIOR FILING DATE: 2003-03-31
 ; NUMBER OF SEQ ID NOS: 125
 ; SOFTWARE: PatentIn version 3.2
 ; SEQ ID NO 108
 ; LENGTH: 10
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-10-815-571-108

Query Match 26.4%; Score 7.4; DB 1; Length 10;
 Best Local Similarity 88.9%; Pred. No. 1.9e+02;
 Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 19 GGAGTCCAG 27
 DB 9 GGGTGTCAG 1

RESULT 442

PCT-US03-38234A-36
 ; Sequence 36, Application PC/TUS0338234A
 ; GENERAL INFORMATION:
 ; APPLICANT: ABGENIX, INC.
 ; APPLICANT: LEXICON GENETICS INCORPORATED
 ; APPLICANT: Gregory M. Landes
 ; APPLICANT: Mary Haak-Frendescho
 ; APPLICANT: Ling Chen
 ; APPLICANT: Yen-Wah R. Lee
 ; APPLICANT: Meina Liang
 ; APPLICANT: Xiao Feng
 ; APPLICANT: Xiao-Chi Jia
 ; APPLICANT: Mark R. Nocentini
 ; TITLE OF INVENTION: ANTIBODIES DIRECTED TO PHOSPHOLIPASE A2 AND USES THEREOF
 ; FILE REFERENCE: ABGENIX.072VPC
 ; CURRENT APPLICATION NUMBER: PCT/US03/38234A
 ; CURRENT FILING DATE: 2003-02-19
 ; PRIOR APPLICATION NUMBER: PCT/US03/38234
 ; PRIOR FILING DATE: 2003-12-02
 ; NUMBER OF SEQ ID NOS: 222
 ; SOFTWARE: FASTSEQ for Windows Version 4.0
 ; SEQ ID NO 36
 ; LENGTH: 11
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 PCT-US03-38234A-36

Query Match 26.4%; Score 7.4; DB 1; Length 11;
 Best Local Similarity 88.9%; Pred. No. 2.4e+02;
 Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 2 GGCCCTAG 10
 DB 2 GGACCTAG 10

RESULT 443

US-09-988-462-55/C
 ; Sequence 55, Application US/09988462
 ; GENERAL INFORMATION:
 ; APPLICANT: Kozziel, Michael G.
 ; APPLICANT: Desai, Nalini M.
 ; APPLICANT: Lewis, Kelly S.
 ; APPLICANT: Kramer, Vance C.
 ; APPLICANT: Warren, Gregory W.
 ; APPLICANT: Evola, Stephen V.
 ; APPLICANT: Crossland, Lyle D.
 ; APPLICANT: Wright, Martha S.
 ; APPLICANT: Merlin, Ellis J.
 ; APPLICANT: Launis, Karen L.
 ; TITLE OF INVENTION: SYNTHETIC DNA SEQUENCE HAVING ENHANCED
 ; INSECTICIDAL ACTIVITY IN MAIZE
 ; NUMBER OF SEQUENCES: 94
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Syngenta Biotechnology, Inc.
 ; STREET: 3054 Cornwallis Road
 ; CITY: Research Triangle Park
 ; STATE: NC
 ; COUNTRY: USA
 ; ZIP: 27709
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/988,462
 ; FILING DATE: 20-Nov-2001
 ; CLASSIFICATION: <Unknown>
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 09/547,422
 ; FILING DATE: 11-APR-2000
 ; APPLICATION NUMBER: US 08/459,504
 ; FILING DATE: 02-JUN-1995
 ; APPLICATION NUMBER: US 07/951,715
 ; FILING DATE: 25-SEP-1992
 ; APPLICATION NUMBER: US 07/772,027
 ; FILING DATE: 04-OCT-1991
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Meigs, J. Timothy
 ; REGISTRATION NUMBER: 38,241
 ; REFERENCE/DOCKET NUMBER: S-188051
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (919) 541-8587
 ; TELEFAX: (919) 541-8689
 ; INFORMATION FOR SEQ ID NO: 55:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 11 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: other nucleic acid
 ; DESCRIPTION: /desc = "primer for third quarter -
 ; HYPOTHETICAL: NO
 ; SEQUENCE DESCRIPTION: SEQ ID NO: 55:
 US-09-988-462-55

Query Match 26.4%; Score 7.4; DB 1; Length 11;
 Best Local Similarity 88.9%; Pred. No. 2.4e+02;
 Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 14 TACAGGAG 22
 DB 11 TACAGGAG 3


```
RESULT 444
US-10-070-587C-100/c
; Sequence 100, Application US/10070587C
; GENERAL INFORMATION:
; APPLICANT: Epidauros Biotechnologie AG
; TITLE OF INVENTION: Polymorphisms in the human CYP3A4 and CYP3A7 genes and
; FILE REFERENCE: D 2145 PCT
; CURRENT APPLICATION NUMBER: US/10/070,587C
; CURRENT FILING DATE: 2002-03-08
; PRIOR APPLICATION NUMBER: EP 99 11 8120.7
; PRIOR FILING DATE: 1999-09-10
; NUMBER OF SEQ ID NOS: 172
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 100
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic Sequence
US-10-070-587C-100

Query Match
Best Local Similarity 26.4%; Score 7.4; DB 1; Length 11;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 14 TACAGGAG 22
Db 10 TTCAGGAG 2

RESULT 445
US-10-070-587C-101
; Sequence 101, Application US/10070587C
; GENERAL INFORMATION:
; APPLICANT: Epidauros Biotechnologie AG
; TITLE OF INVENTION: Polymorphisms in the human CYP3A4 and CYP3A7 genes and
; FILE REFERENCE: D 2145 PCT
; CURRENT APPLICATION NUMBER: US/10/070,587C
; CURRENT FILING DATE: 2002-03-08
; PRIOR APPLICATION NUMBER: EP 99 11 8120.7
; PRIOR FILING DATE: 1999-09-10
; NUMBER OF SEQ ID NOS: 172
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 101
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic Sequence
US-10-070-587C-101

Query Match
Best Local Similarity 26.4%; Score 7.4; DB 1; Length 11;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 14 TACAGGAG 22
Db 2 TTCAGGAG 10

RESULT 446
US-10-801-994-15/c
; Sequence 15, Application US/10801994
; GENERAL INFORMATION:
; APPLICANT: JOUNG, J. KEITH
; APPLICANT: MILLER, JEFFREY
; APPLICANT: PABO, CARL O.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR INTERACTION TRAP ASSAYS
; FILE REFERENCE: MTN-030.01 (2002-3-001)
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; CURRENT APPLICATION NUMBER: US/10/801,994
; CURRENT FILING DATE: 2004-03-16
; PRIOR APPLICATION NUMBER: US/09/858,852A
; PRIOR FILING DATE: 2001-05-16
; PRIOR APPLICATION NUMBER: 60/204,509
; PRIOR FILING DATE: 2000-05-16
; NUMBER OF SEQ ID NOS: 91
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 15
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Consensus
; OTHER INFORMATION: sequence
; NAME/KEY: modified_base
; LOCATION: (2)
; OTHER INFORMATION: No clear preference
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (11)
; OTHER INFORMATION: No clear preference
US-10-801-994-15

Query Match
Best Local Similarity 26.4%; Score 7.4; DB 1; Length 11;
Matches 8; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 9 ACGGTACAG 18
Db 10 ACGTTCG 1

RESULT 447
US-10-708-951-22468
; Sequence 22468, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIA
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 22468
; LENGTH: 11
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-22468

Query Match
Best Local Similarity 26.4%; Score 7.4; DB 1; Length 11;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 16 CAGGAGTC 24
Db 3 CAGGAGCC 11

RESULT 448
US-10-708-951-40892
; Sequence 40892, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIA
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
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; SEQ ID NO 40892
; LENGTH: 11
; TYPE: RNA
; ORGANISM: Homo sapiens
US-1-0-708-951-40892

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Query Match      26.4%; Score 7.4; DB 1; Length 11;
Best Local Similarity 88.9%; Pred. No. 2.4e+02;
Matches      8; Conservative      0; Mismatches      1; Indels      0; Gaps      0;
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QY	16	CAGGAGTC	24
Db	3	CAGGAGCC	11

Search completed: April 19, 2004, 15:52:38
Job time : 2 secs